

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
 Data File : VD078385.D
 Acq On : 09 Feb 2024 12:53
 Operator : RP/MD
 Sample : VD0209SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0209SBS01

Quant Time: Feb 09 22:59:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	117693	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	209732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	193553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93012	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	55407	38.029	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.060%
35) Dibromofluoromethane	7.804	113	56626	37.924	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.840%
50) Toluene-d8	10.269	98	209445	37.050	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.100%
62) 4-Bromofluorobenzene	12.575	95	67184	39.685	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.360%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	26672	19.069	ug/l	96
3) Chloromethane	2.152	50	45992	18.785	ug/l	100
4) Vinyl Chloride	2.281	62	60713	18.799	ug/l	99
5) Bromomethane	2.675	94	34081	17.431	ug/l	93
6) Chloroethane	2.828	64	41362	18.543	ug/l	# 83
7) Trichlorofluoromethane	3.169	101	50759	18.564	ug/l	92
8) Diethyl Ether	3.593	74	14945	18.477	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.958	101	30889	18.408	ug/l	95
10) Methyl Iodide	4.158	142	24254	15.890	ug/l	# 87
11) Tert butyl alcohol	5.052	59	5356	57.632	ug/l	97
12) 1,1-Dichloroethene	3.928	96	27585	17.037	ug/l	89
13) Acrolein	3.799	56	7546	63.823	ug/l	96
14) Allyl chloride	4.558	41	37925	17.766	ug/l	# 89
15) Acrylonitrile	5.258	53	31427	87.904	ug/l	95
16) Acetone	4.028	43	39223	106.389	ug/l	# 84
17) Carbon Disulfide	4.263	76	76703	14.033	ug/l	97
18) Methyl Acetate	4.558	43	12136	15.628	ug/l	91
19) Methyl tert-butyl Ether	5.322	73	64818	19.249	ug/l	98
20) Methylene Chloride	4.799	84	36757	19.069	ug/l	# 81
21) trans-1,2-Dichloroethene	5.299	96	31875	17.412	ug/l	94
22) Diisopropyl ether	6.210	45	85859	18.902	ug/l	91
23) Vinyl Acetate	6.157	43	253667	91.535	ug/l	# 90
24) 1,1-Dichloroethane	6.116	63	61324	19.502	ug/l	95
25) 2-Butanone	7.081	43	45752	94.240	ug/l	94
26) 2,2-Dichloropropane	7.081	77	49531	19.283	ug/l	94
27) cis-1,2-Dichloroethene	7.075	96	36782	18.128	ug/l	91
28) Bromochloromethane	7.428	49	21561	19.224	ug/l	# 79
29) Tetrahydrofuran	7.446	42	22439	86.397	ug/l	89
30) Chloroform	7.599	83	63591	19.778	ug/l	96
31) Cyclohexane	7.875	56	43869	16.077	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	53131	19.175	ug/l	99
36) 1,1-Dichloropropene	8.010	75	45240	18.271	ug/l	95
37) Ethyl Acetate	7.175	43	17755	18.631	ug/l	# 91
38) Carbon Tetrachloride	7.987	117	47503	19.512	ug/l	# 94
39) Methylcyclohexane	9.269	83	50282	17.176	ug/l	90
40) Benzene	8.252	78	129304	17.898	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
 Data File : VD078385.D
 Acq On : 09 Feb 2024 12:53
 Operator : RP/MD
 Sample : VD0209SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0209SBS01

Quant Time: Feb 09 22:59:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	10262	20.030	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	36180	19.309	ug/l	94
43) Isopropyl Acetate	8.363	43	32249	18.874	ug/l	93
44) Trichloroethene	9.034	130	33737	19.017	ug/l	93
45) 1,2-Dichloropropane	9.299	63	33834	19.154	ug/l	97
46) Dibromomethane	9.393	93	18137	18.506	ug/l	89
47) Bromodichloromethane	9.581	83	48318	20.038	ug/l	96
48) Methyl methacrylate	9.381	41	13974	17.115	ug/l #	81
49) 1,4-Dioxane	9.387	88	4006	364.385	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	88148	95.365	ug/l	90
52) Toluene	10.334	92	80459	18.361	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	40916	18.167	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	49958	18.736	ug/l #	85
55) 1,1,2-Trichloroethane	10.734	97	25529	19.961	ug/l	89
56) Ethyl methacrylate	10.598	69	26137	18.018	ug/l #	82
57) 1,3-Dichloropropane	10.875	76	42373	19.215	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	55734	84.485	ug/l	95
59) 2-Hexanone	10.922	43	67893	97.529	ug/l	87
60) Dibromochloromethane	11.075	129	29945	20.170	ug/l	92
61) 1,2-Dibromoethane	11.175	107	23270	19.272	ug/l	97
64) Tetrachloroethene	10.810	164	25980	19.245	ug/l #	90
65) Chlorobenzene	11.604	112	89620	19.354	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	33259	20.173	ug/l	94
67) Ethyl Benzene	11.681	91	154596	18.431	ug/l	99
68) m/p-Xylenes	11.793	106	121995	37.804	ug/l	89
69) o-Xylene	12.122	106	57145	19.269	ug/l	95
70) Styrene	12.134	104	97539	19.259	ug/l	96
71) Bromoform	12.298	173	16631	20.482	ug/l #	98
73) Isopropylbenzene	12.422	105	148987	18.932	ug/l	93
74) N-amyl acetate	12.234	43	31474	19.338	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	29515	19.421	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	34923	35.923	ug/l #	100
77) Bromobenzene	12.698	156	33723	19.473	ug/l	86
78) n-propylbenzene	12.763	91	187967	19.174	ug/l	94
79) 2-Chlorotoluene	12.845	91	103536	19.730	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	123430	19.280	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.463	75	9310	19.046	ug/l	91
82) 4-Chlorotoluene	12.945	91	107120	19.147	ug/l	95
83) tert-Butylbenzene	13.163	119	104108	19.058	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	124382	19.203	ug/l	96
85) sec-Butylbenzene	13.345	105	168771	19.685	ug/l	93
86) p-Isopropyltoluene	13.457	119	136206	19.396	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	71198	19.790	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	71024	19.953	ug/l	96
89) n-Butylbenzene	13.787	91	133340	19.486	ug/l	98
90) Hexachloroethane	14.051	117	29287	20.881	ug/l	83
91) 1,2-Dichlorobenzene	13.828	146	62072	20.167	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	3882	18.222	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	35090	19.710	ug/l	98
94) Hexachlorobutadiene	15.204	225	18700	21.436	ug/l	99
95) Naphthalene	15.333	128	66725	18.797	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	31953	20.384	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
Data File : VD078385.D
Acq On : 09 Feb 2024 12:53
Operator : RP/MD
Sample : VD0209SBS01
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

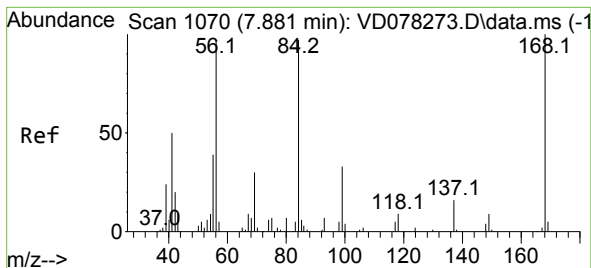
Quant Time: Feb 09 22:59:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 03:58:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Feb 09 22:59:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 03:58:19 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078385.D

Acq: 09 Feb 2024 12:53

Instrument :

MSVOA_D

ClientSampleId :

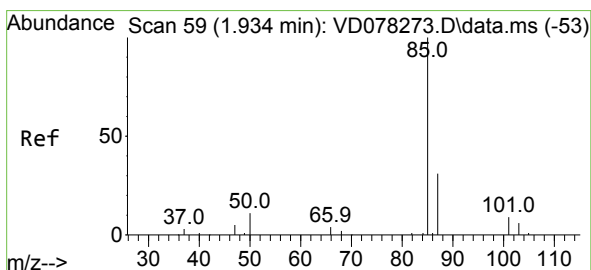
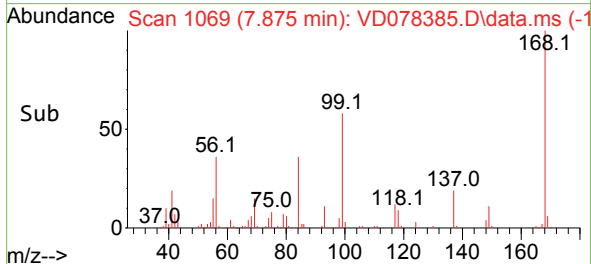
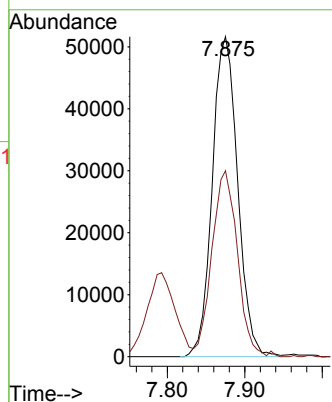
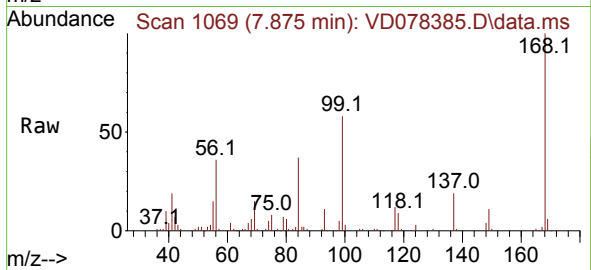
VD0209SBS01

Tgt Ion:168 Resp: 117693

Ion Ratio Lower Upper

168 100

99 58.1 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 19.069 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078385.D

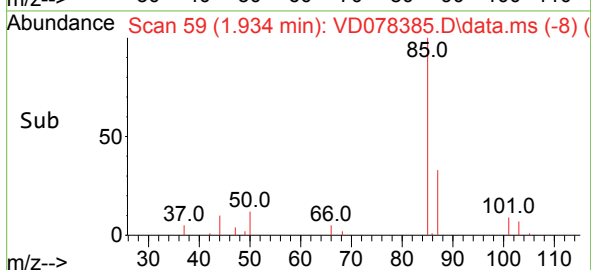
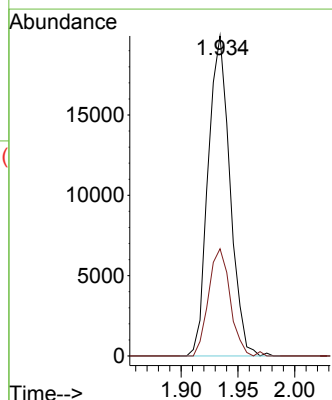
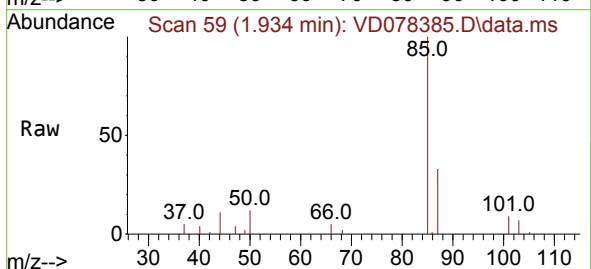
Acq: 09 Feb 2024 12:53

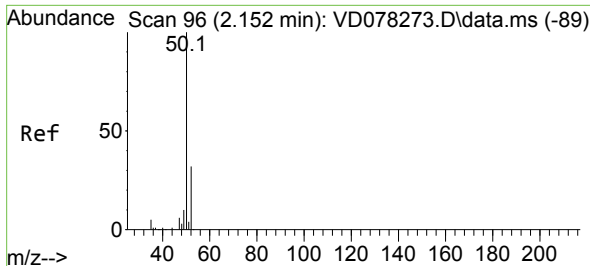
Tgt Ion: 85 Resp: 26672

Ion Ratio Lower Upper

85 100

87 33.5 15.7 47.0

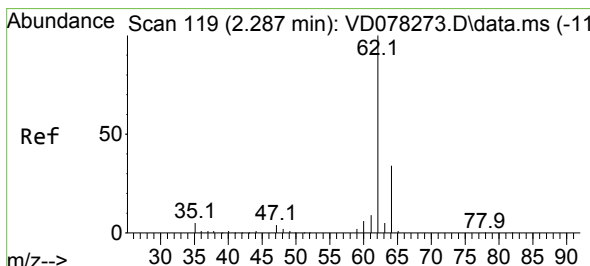
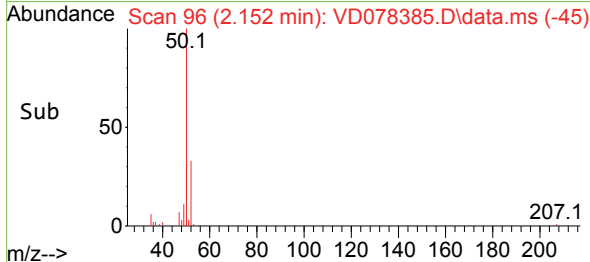
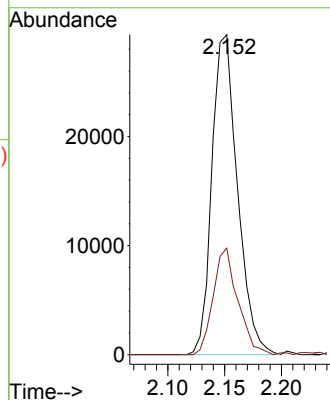
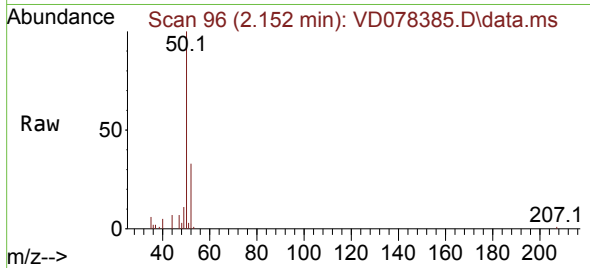




#3
Chloromethane
Concen: 18.785 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

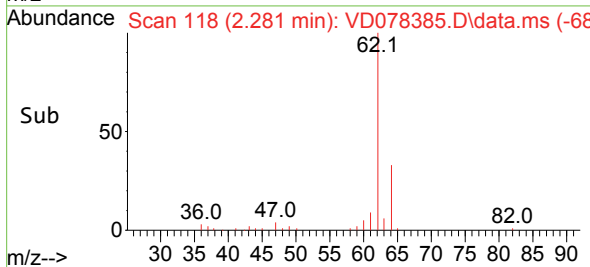
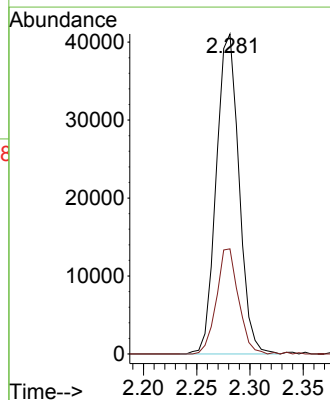
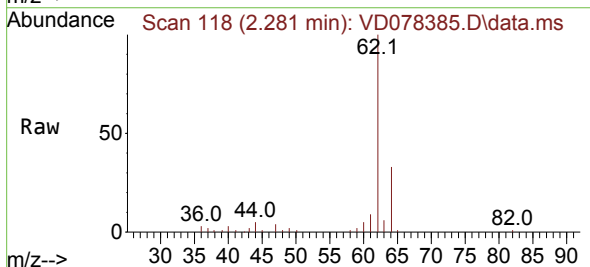
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

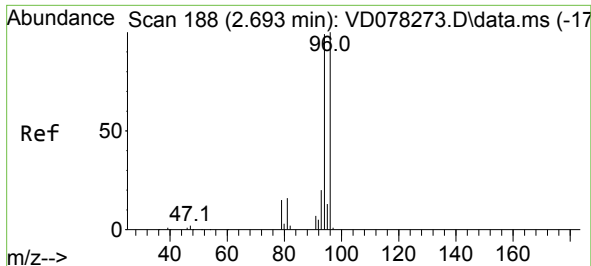
Tgt Ion: 50 Resp: 45992
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0



#4
Vinyl Chloride
Concen: 18.799 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion: 62 Resp: 60713
Ion Ratio Lower Upper
62 100
64 32.9 26.0 39.0

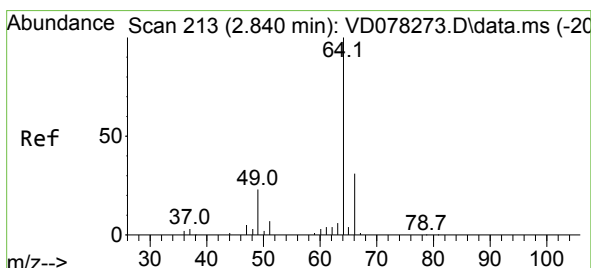
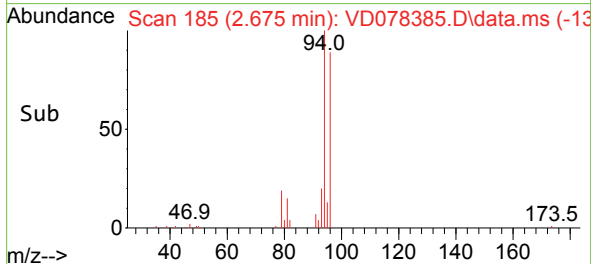
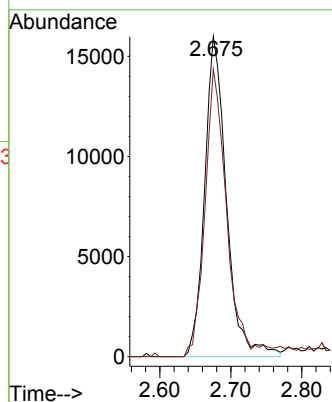
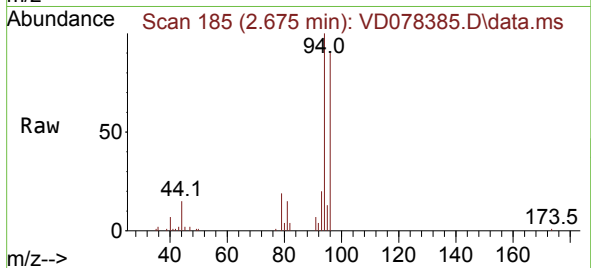




#5
Bromomethane
Concen: 17.431 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

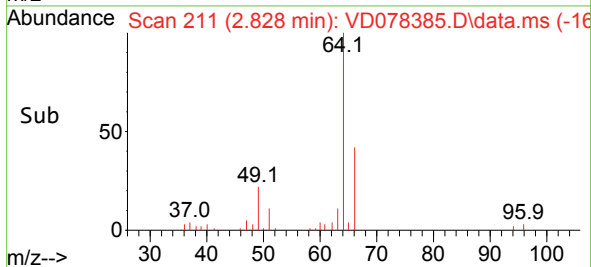
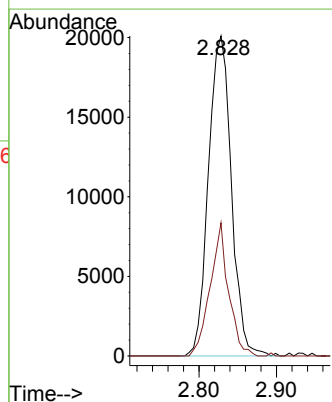
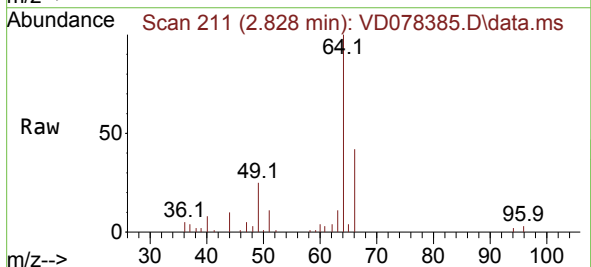
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

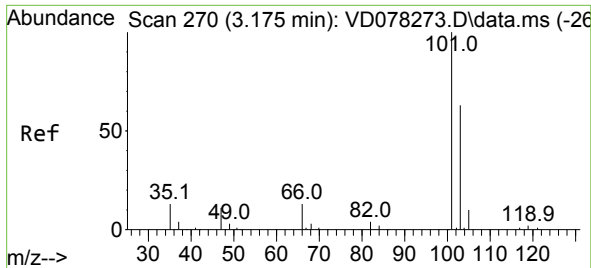
Tgt Ion: 94 Resp: 34081
Ion Ratio Lower Upper
94 100
96 88.2 75.8 113.8



#6
Chloroethane
Concen: 18.543 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion: 64 Resp: 41362
Ion Ratio Lower Upper
64 100
66 41.6 25.5 38.3#

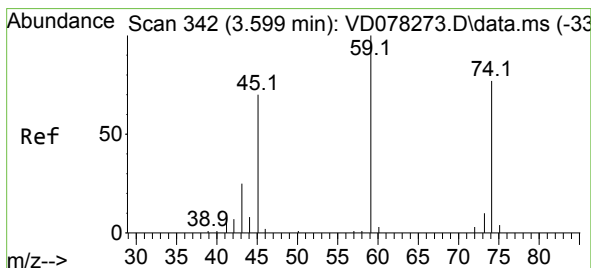
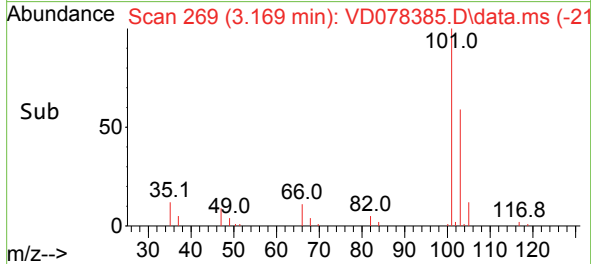
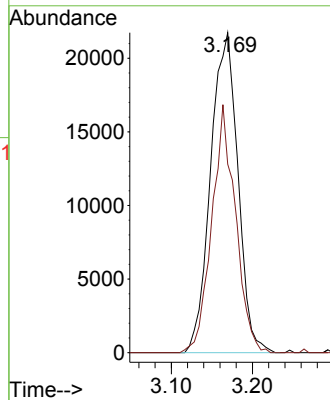
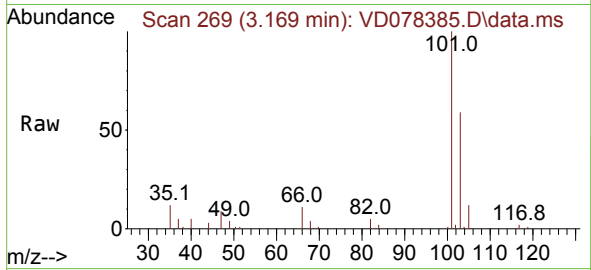




#7
Trichlorofluoromethane
Concen: 18.564 ug/l
RT: 3.169 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

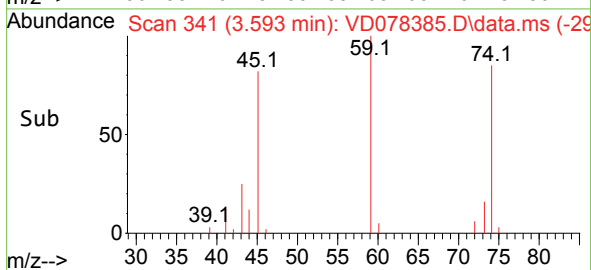
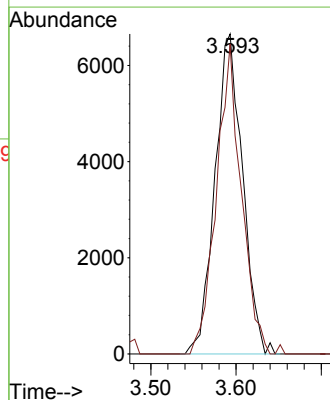
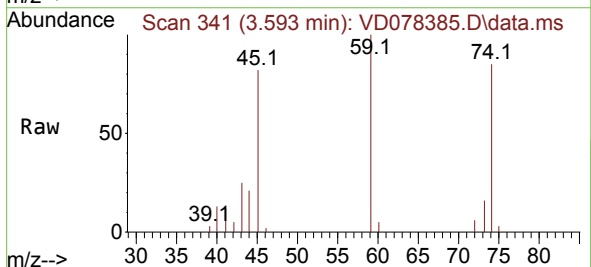
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

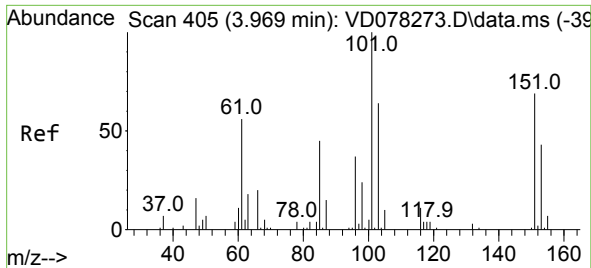
Tgt Ion:101 Resp: 50759
Ion Ratio Lower Upper
101 100
103 58.9 52.3 78.5



#8
Diethyl Ether
Concen: 18.477 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion: 74 Resp: 14945
Ion Ratio Lower Upper
74 100
45 87.3 37.5 112.7

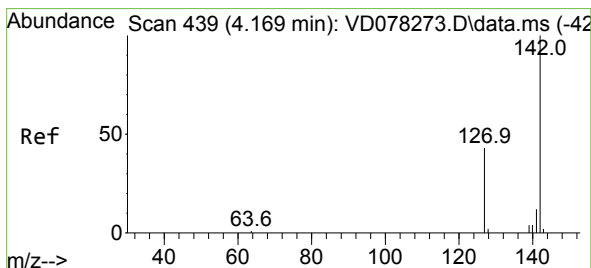
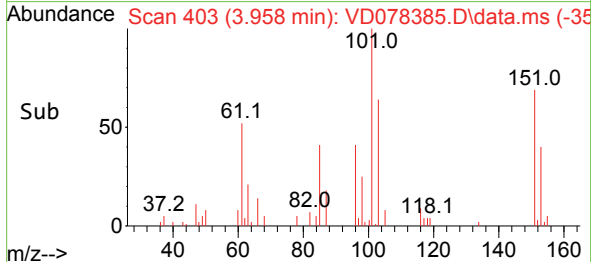
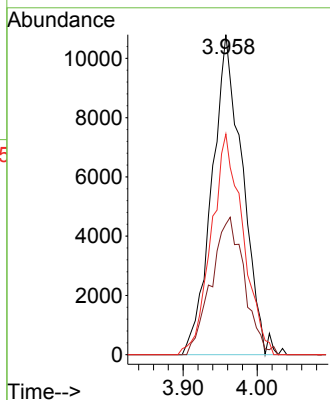
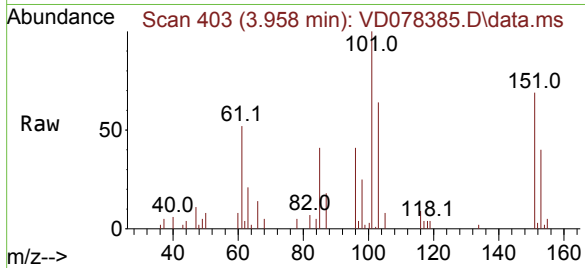




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.408 ug/l
RT: 3.958 min Scan# 405
Delta R.T. -0.012 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

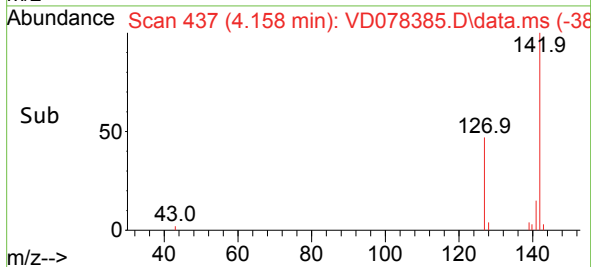
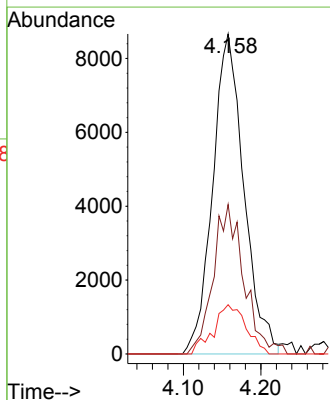
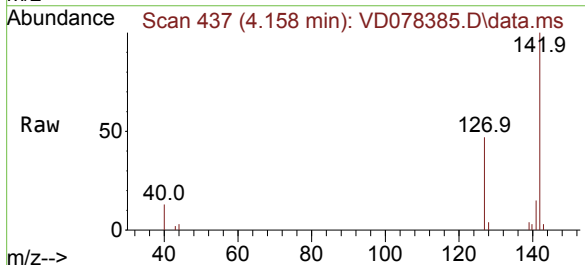
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

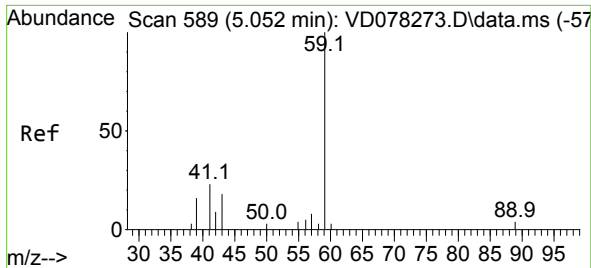
Tgt Ion:101	Resp:	30889
Ion	Ratio	Lower Upper
101	100	
85	46.6	33.8 50.6
151	71.4	59.8 89.6



#10
Methyl Iodide
Concen: 15.890 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.012 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion:142	Resp:	24254
Ion	Ratio	Lower Upper
142	100	
127	45.9	29.4 44.0#
141	16.1	11.1 16.7

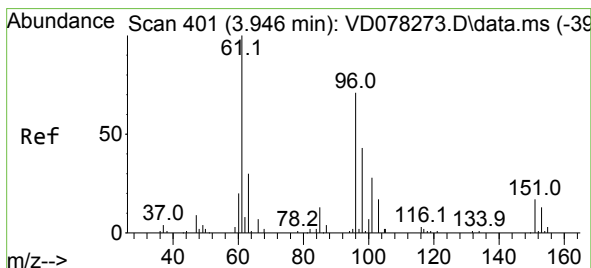
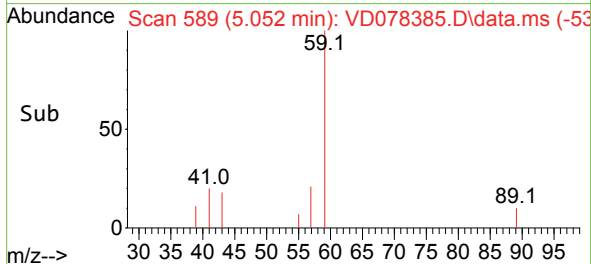
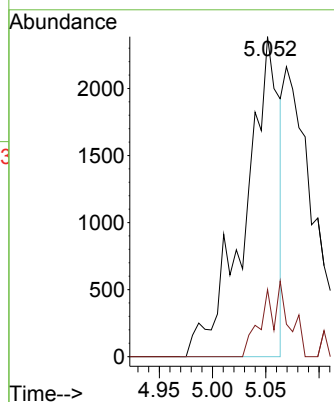
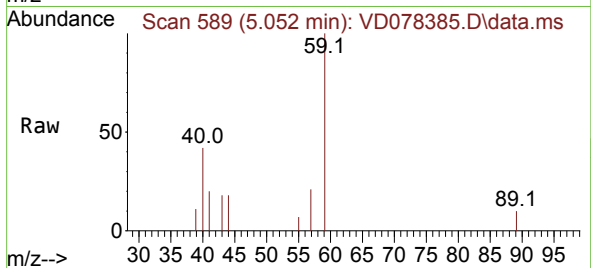




#11
Tert butyl alcohol
Concen: 57.632 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

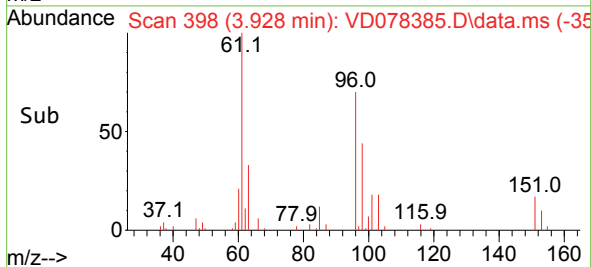
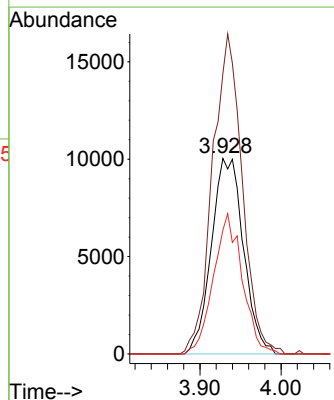
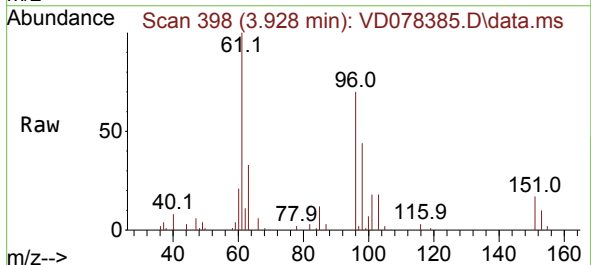
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

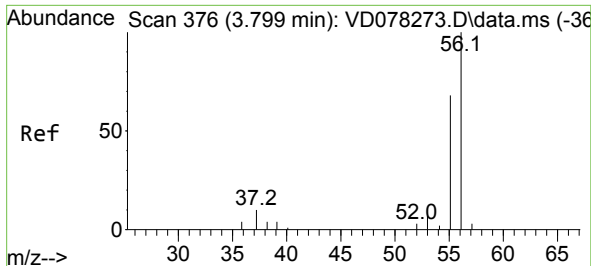
Tgt Ion: 59 Resp: 5356
Ion Ratio Lower Upper
59 100
57 8.5 7.8 11.8



#12
1,1-Dichloroethene
Concen: 17.037 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.018 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion: 96 Resp: 27585
Ion Ratio Lower Upper
96 100
61 143.6 100.6 150.8
98 63.4 50.2 75.2





#13

Acrolein

Concen: 63.823 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078385.D

Acq: 09 Feb 2024 12:53

Instrument :

MSVOA_D

ClientSampleId :

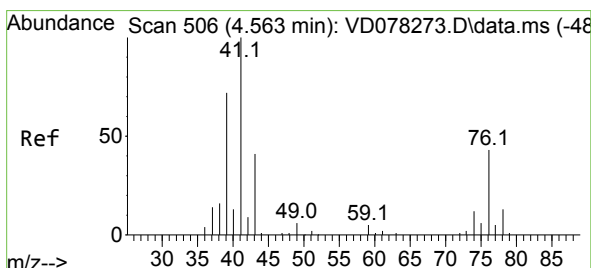
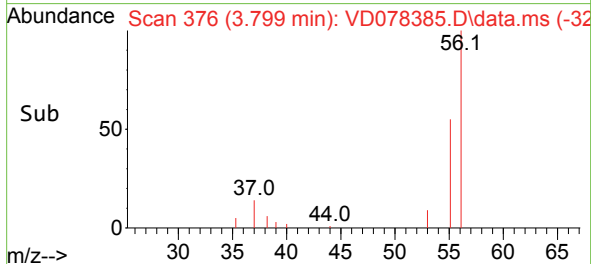
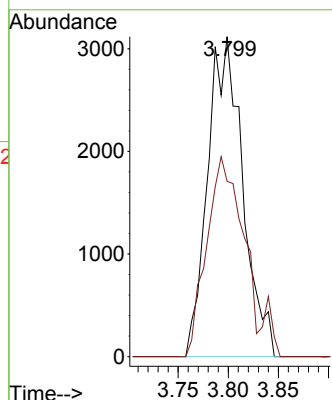
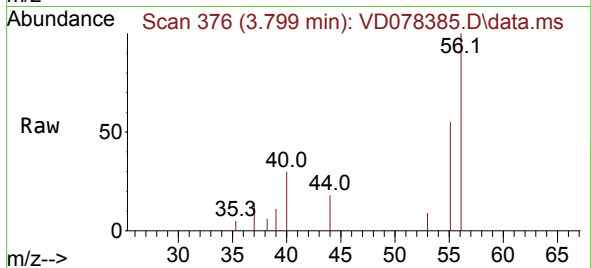
VD0209SBS01

Tgt Ion: 56 Resp: 7546

Ion Ratio Lower Upper

56 100

55 65.5 55.1 82.7



#14

Allyl chloride

Concen: 17.766 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD078385.D

Acq: 09 Feb 2024 12:53

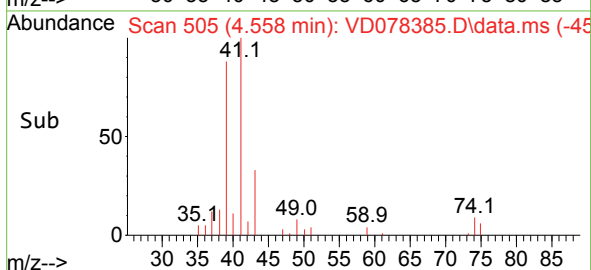
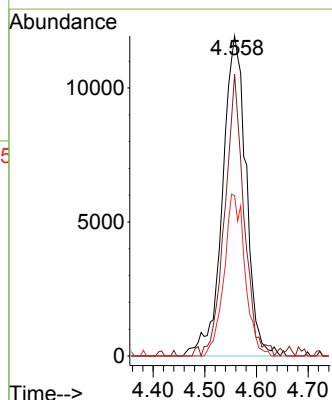
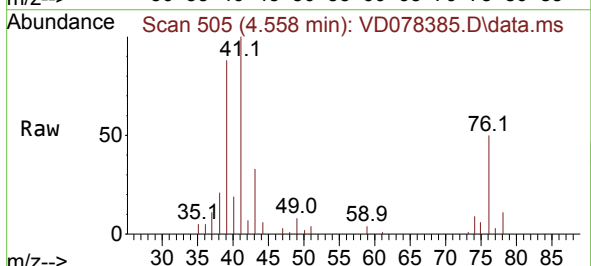
Tgt Ion: 41 Resp: 37925

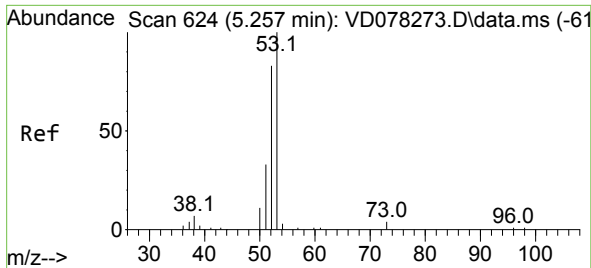
Ion Ratio Lower Upper

41 100

39 71.5 53.8 80.6

76 44.8 45.8 68.8#

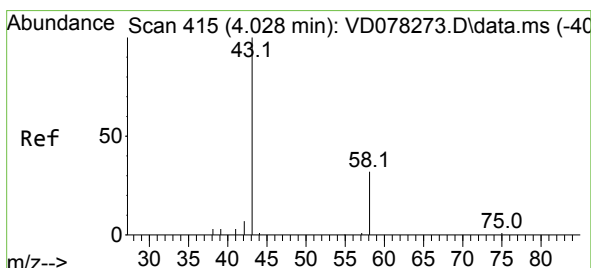
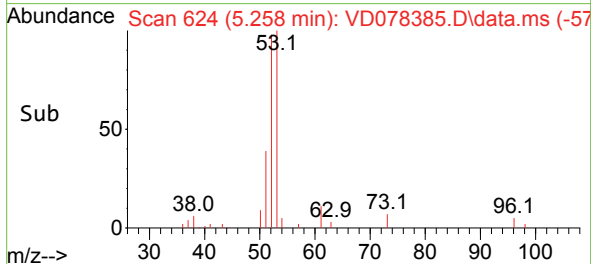
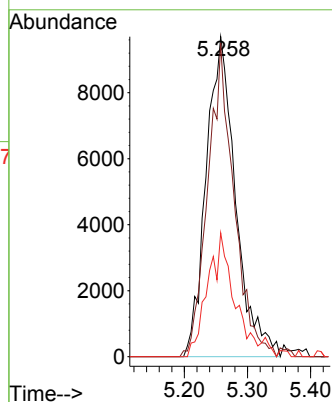
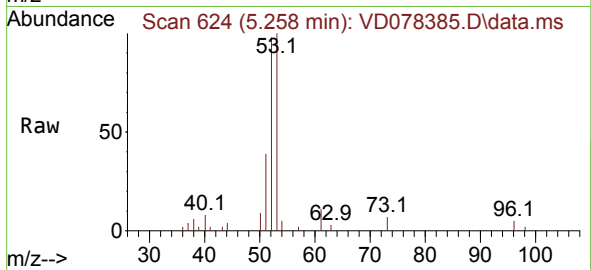




#15
Acrylonitrile
Concen: 87.904 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

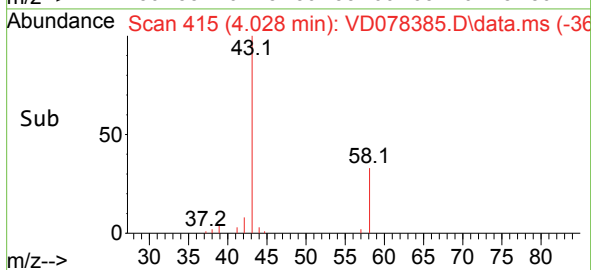
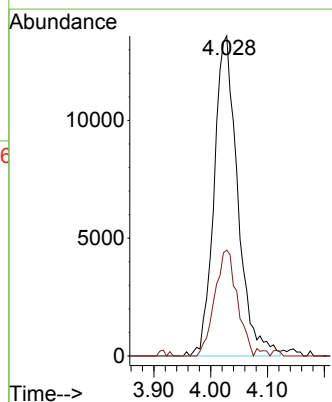
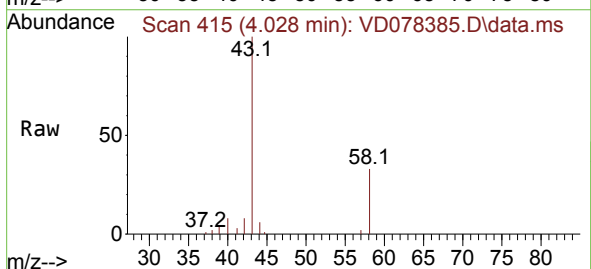
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

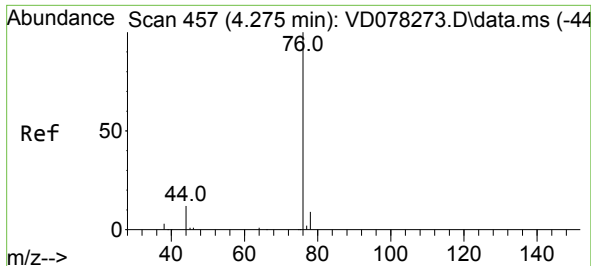
Tgt Ion: 53	Resp:	31427
Ion	Ratio	Lower Upper
53	100	
52	86.7	65.0 97.4
51	34.4	28.3 42.5



#16
Acetone
Concen: 106.389 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion: 43	Resp:	39223
Ion	Ratio	Lower Upper
43	100	
58	33.1	34.7 52.1#





#17

Carbon Disulfide

Concen: 14.033 ug/l

RT: 4.263 min Scan# 4

Delta R.T. -0.012 min

Lab File: VD078385.D

Acq: 09 Feb 2024 12:53

Instrument :

MSVOA_D

ClientSampleId :

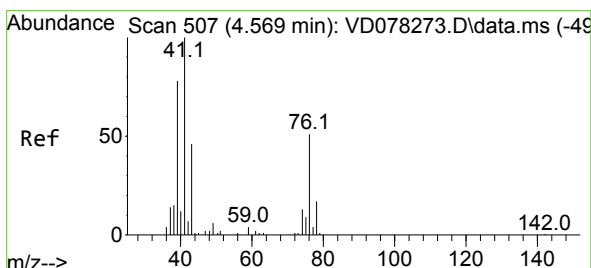
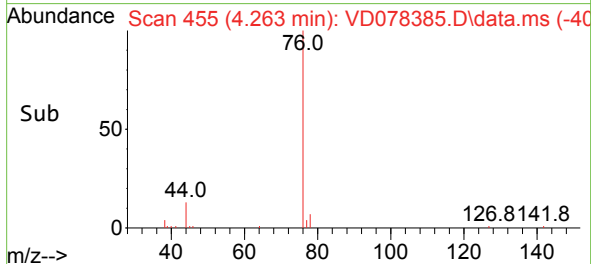
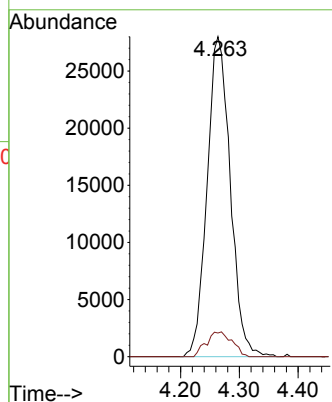
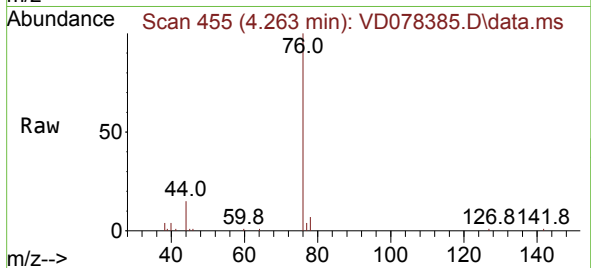
VD0209SBS01

Tgt Ion: 76 Resp: 76703

Ion Ratio Lower Upper

76 100

78 7.4 6.8 10.2



#18

Methyl Acetate

Concen: 15.628 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.012 min

Lab File: VD078385.D

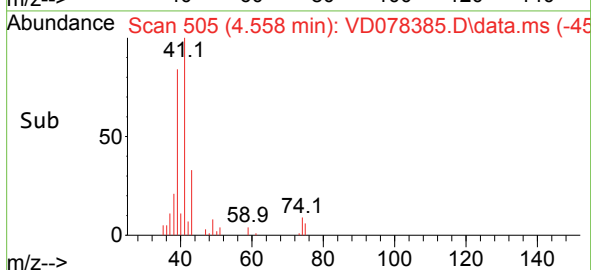
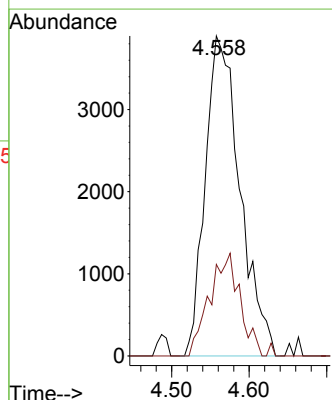
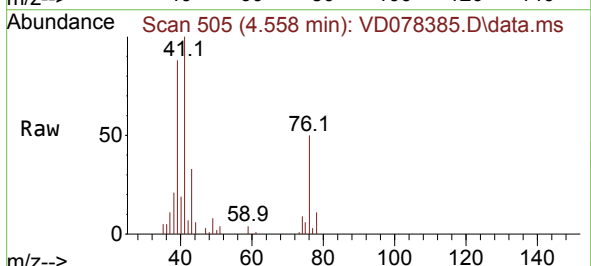
Acq: 09 Feb 2024 12:53

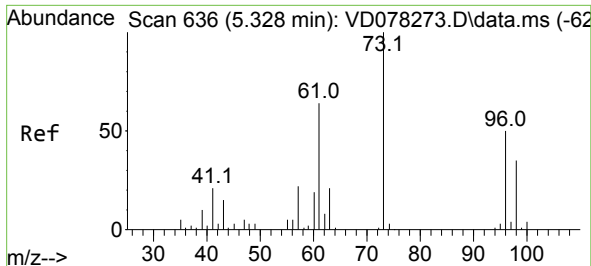
Tgt Ion: 43 Resp: 12136

Ion Ratio Lower Upper

43 100

74 28.1 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 19.249 ug/l

RT: 5.322 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078385.D

Acq: 09 Feb 2024 12:53

Instrument :

MSVOA_D

ClientSampleId :

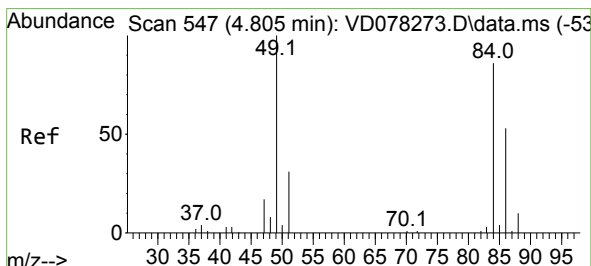
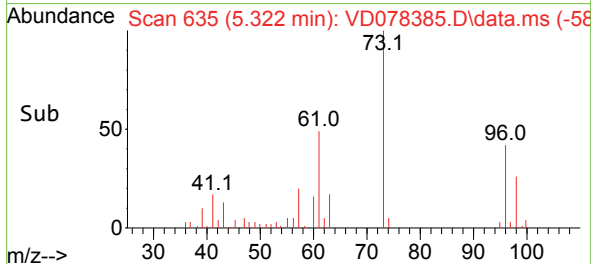
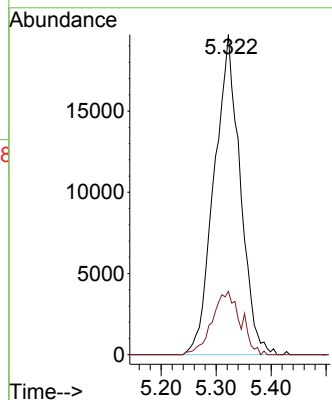
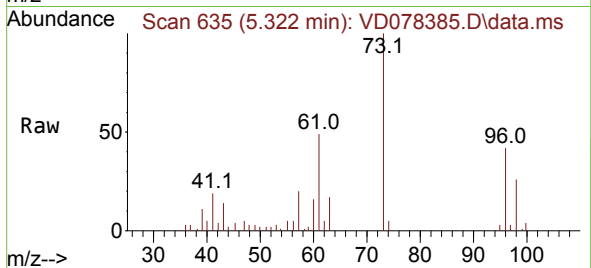
VD0209SBS01

Tgt Ion: 73 Resp: 64818

Ion Ratio Lower Upper

73 100

57 19.8 16.6 25.0



#20

Methylene Chloride

Concen: 19.069 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD078385.D

Acq: 09 Feb 2024 12:53

Tgt Ion: 84 Resp: 36757

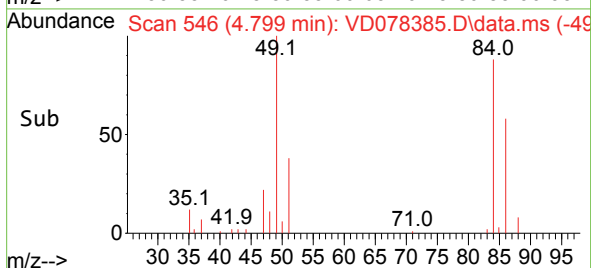
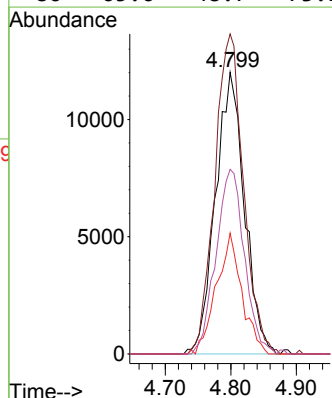
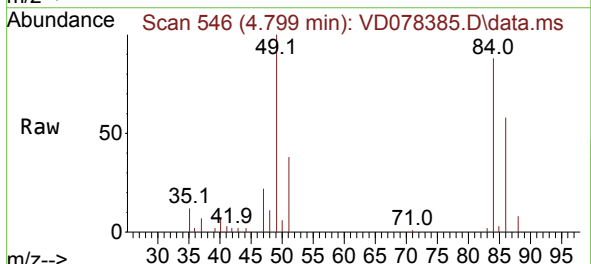
Ion Ratio Lower Upper

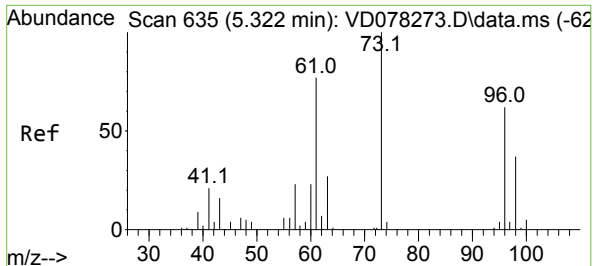
84 100

49 113.6 71.4 107.2#

51 42.9 24.5 36.7#

86 65.6 48.7 73.1

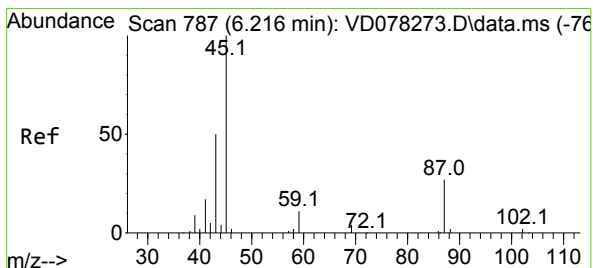
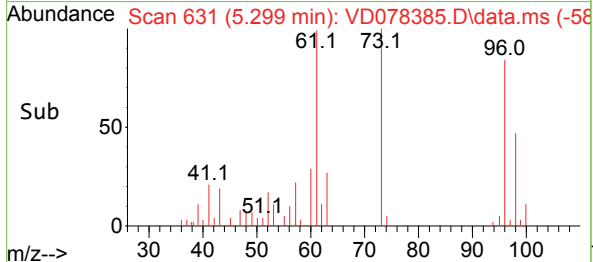
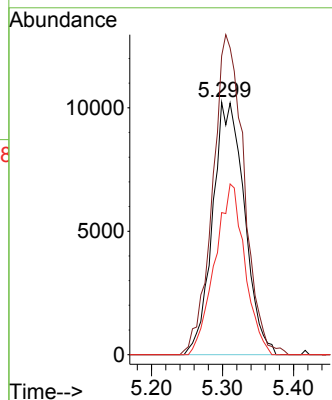
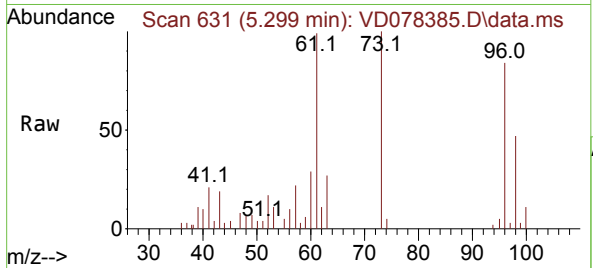




#21
trans-1,2-Dichloroethene
Concen: 17.412 ug/l
RT: 5.299 min Scan# 611
Delta R.T. -0.023 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

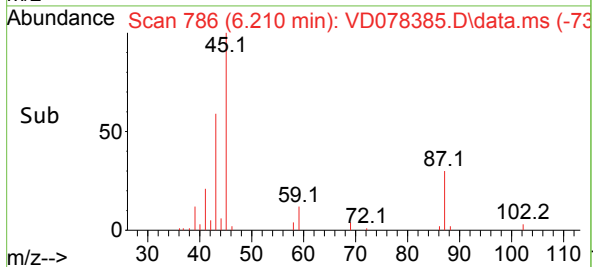
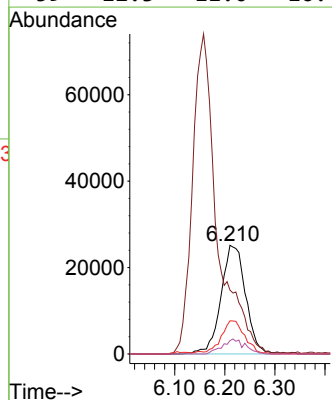
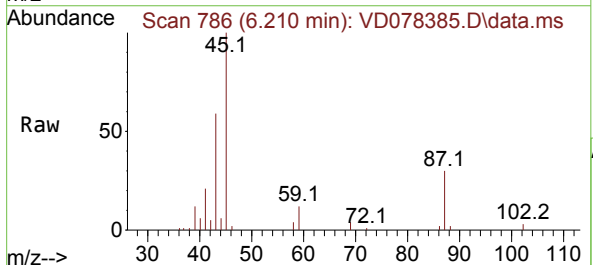
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

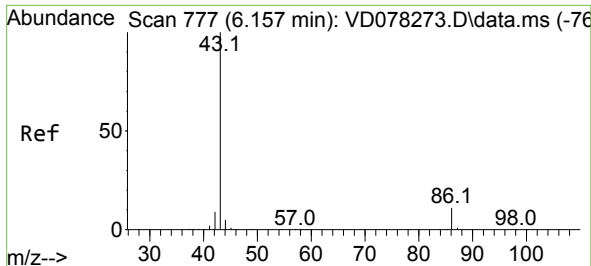
Tgt Ion: 96 Resp: 31875
Ion Ratio Lower Upper
96 100
61 118.3 89.3 133.9
98 56.3 48.6 73.0



#22
Diisopropyl ether
Concen: 18.902 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion: 45 Resp: 85859
Ion Ratio Lower Upper
45 100
43 57.8 40.0 60.0
87 30.5 28.2 42.4
59 12.3 11.0 16.4

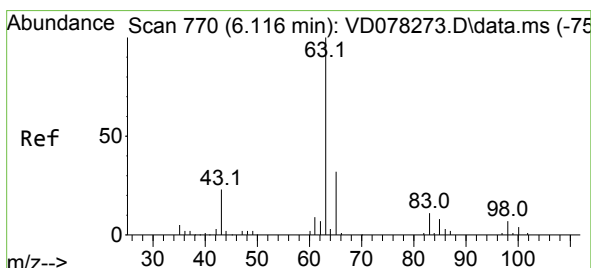
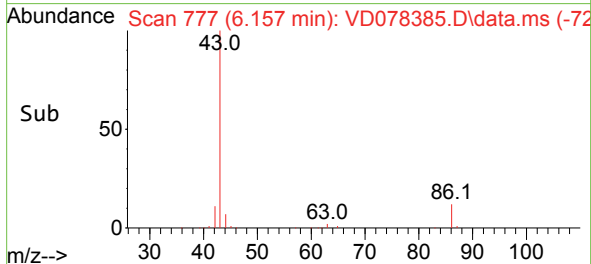
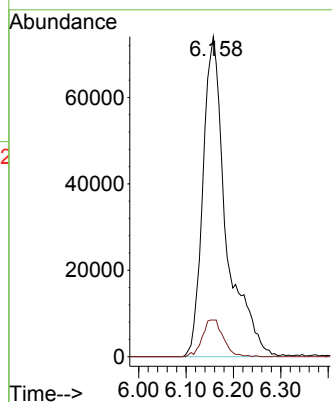
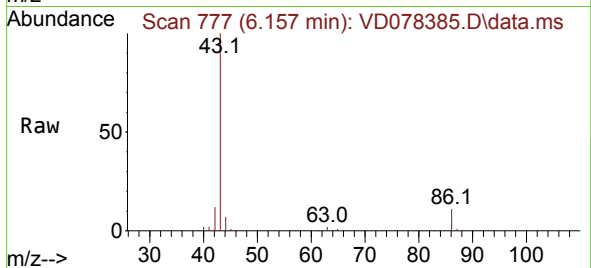




#23
 Vinyl Acetate
 Concen: 91.535 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078385.D
 Acq: 09 Feb 2024 12:53

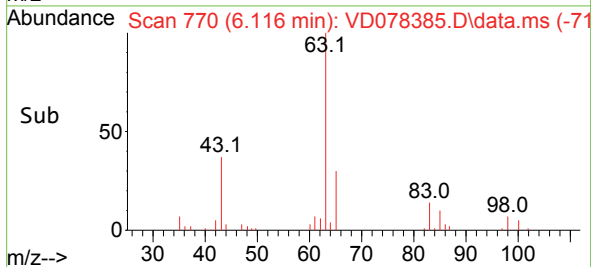
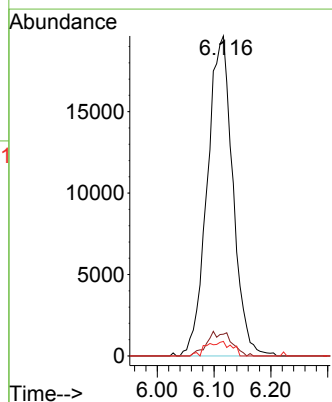
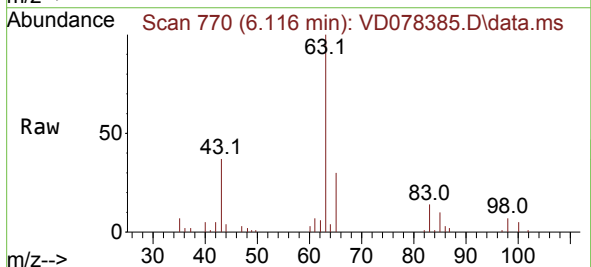
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0209SBS01

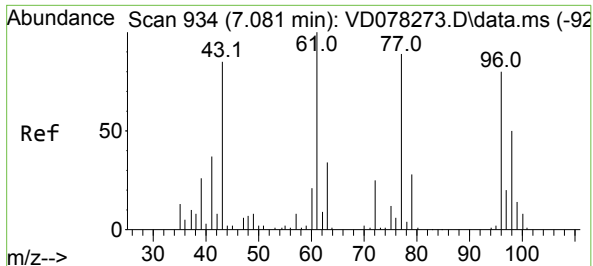
Tgt Ion: 43 Resp: 253667
 Ion Ratio Lower Upper
 43 100
 86 11.5 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 19.502 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078385.D
 Acq: 09 Feb 2024 12:53

Tgt Ion: 63 Resp: 61324
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.5 13.7
 100 4.6 2.5 7.5





#25

2-Butanone

Concen: 94.240 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078385.D

Acq: 09 Feb 2024 12:53

Instrument :

MSVOA_D

ClientSampleId :

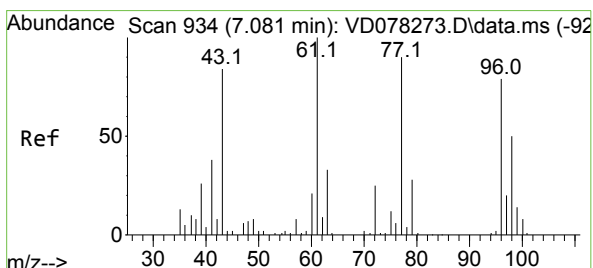
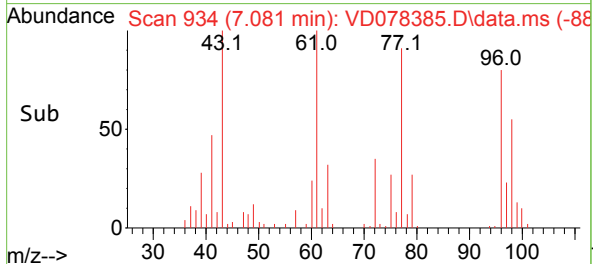
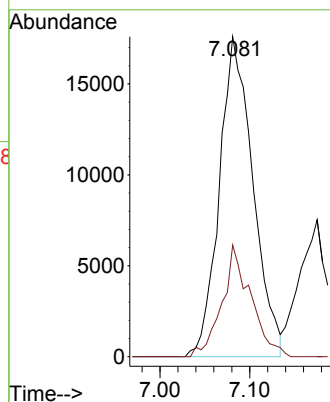
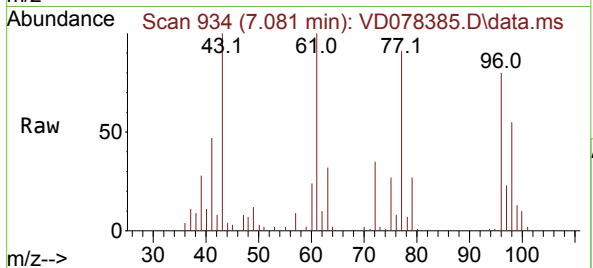
VD0209SBS01

Tgt Ion: 43 Resp: 45752

Ion Ratio Lower Upper

43 100

72 34.9 30.7 46.1



#26

2,2-Dichloropropane

Concen: 19.283 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD078385.D

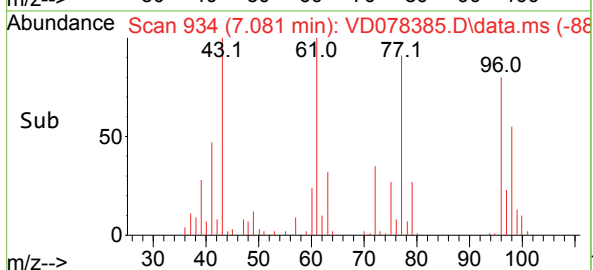
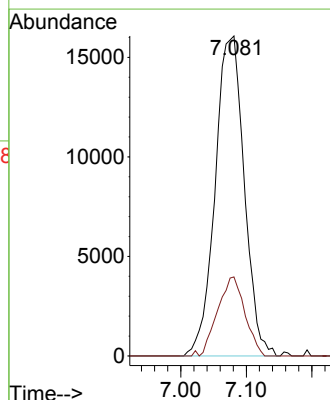
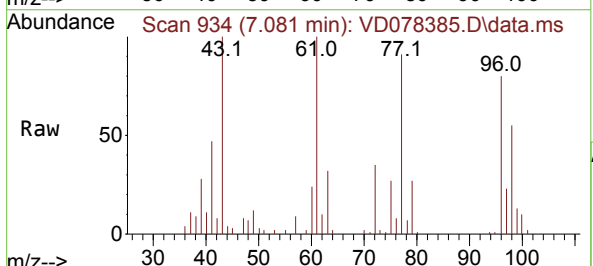
Acq: 09 Feb 2024 12:53

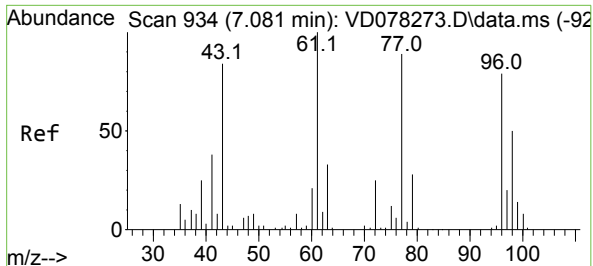
Tgt Ion: 77 Resp: 49531

Ion Ratio Lower Upper

77 100

97 23.1 13.2 39.6

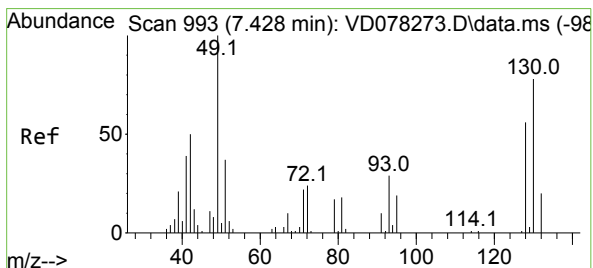
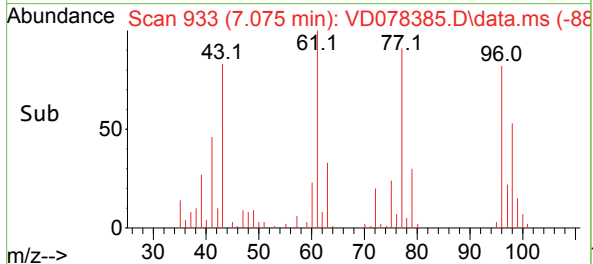
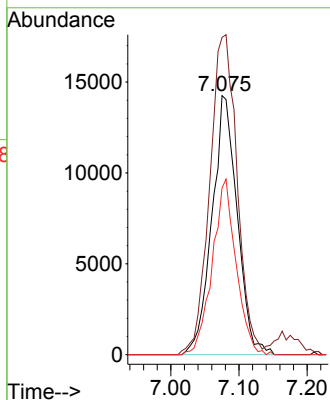
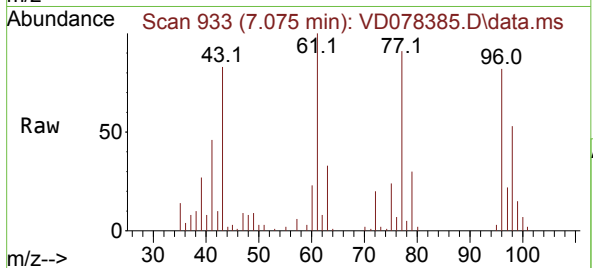




#27
 cis-1,2-Dichloroethene
 Concen: 18.128 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD078385.D
 Acq: 09 Feb 2024 12:53

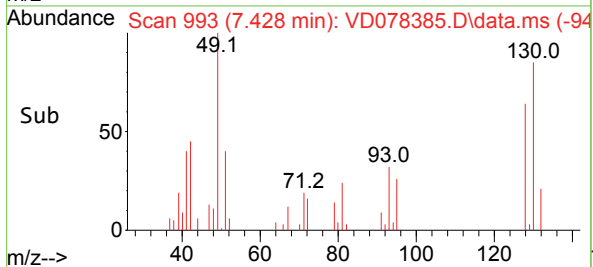
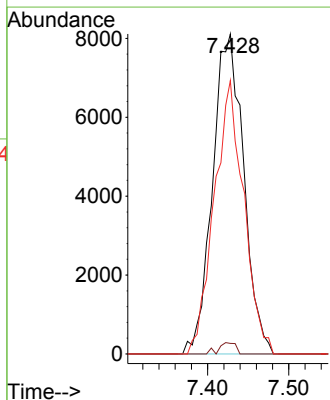
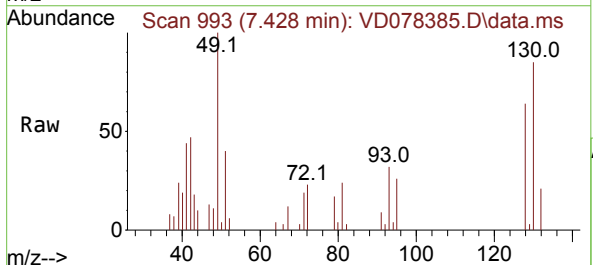
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0209SBS01

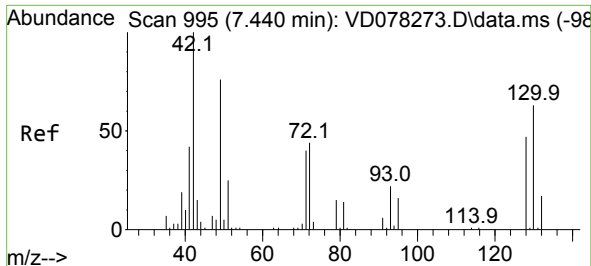
Tgt Ion: 96 Resp: 36782
 Ion Ratio Lower Upper
 96 100
 61 133.8 0.0 239.2
 98 63.8 0.0 128.6



#28
 Bromochloromethane
 Concen: 19.224 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078385.D
 Acq: 09 Feb 2024 12:53

Tgt Ion: 49 Resp: 21561
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 6.0
 130 81.6 83.2 124.8#





#29

Tetrahydrofuran

Concen: 86.397 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD078385.D

Acq: 09 Feb 2024 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01

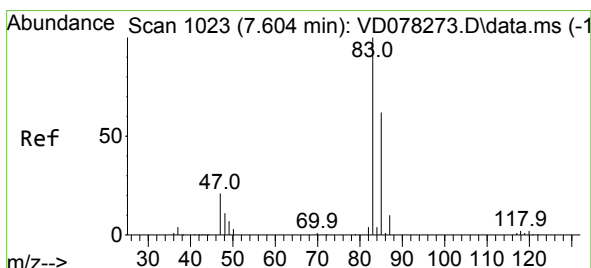
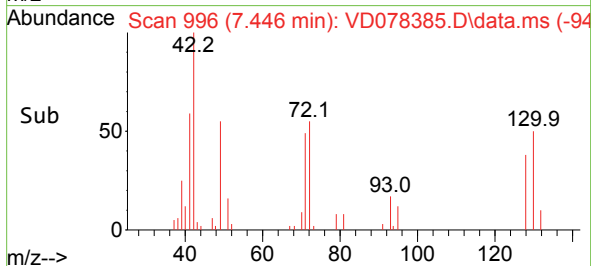
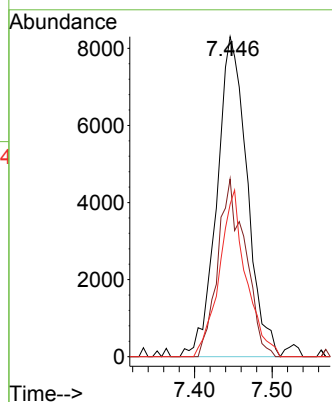
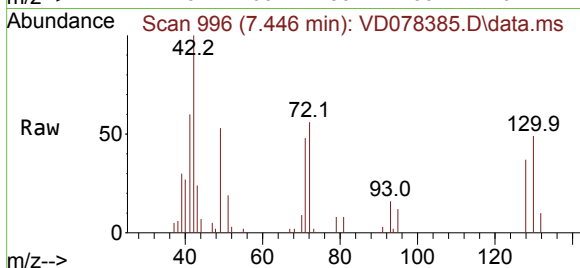
Tgt Ion: 42 Resp: 22439

Ion Ratio Lower Upper

42 100

72 50.8 46.5 69.7

71 46.4 44.5 66.7



#30

Chloroform

Concen: 19.778 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD078385.D

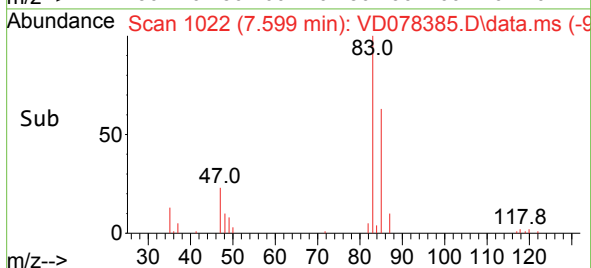
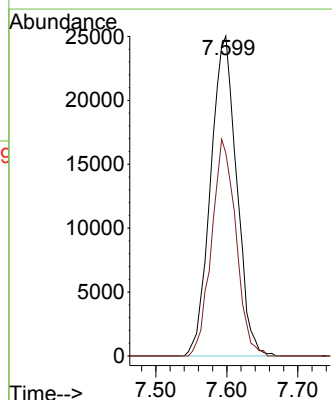
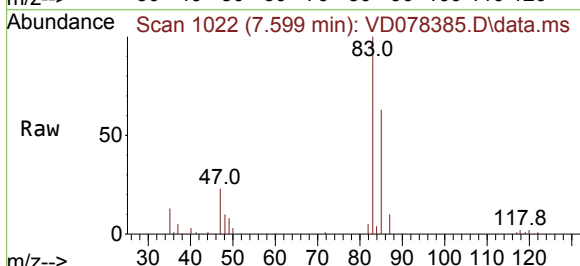
Acq: 09 Feb 2024 12:53

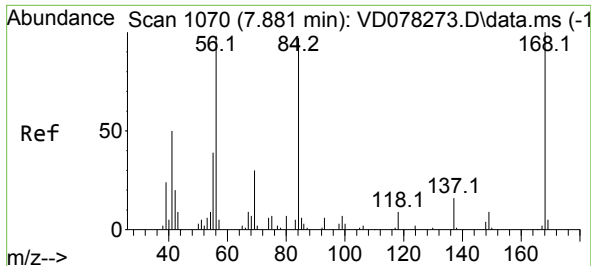
Tgt Ion: 83 Resp: 63591

Ion Ratio Lower Upper

83 100

85 63.4 53.4 80.2

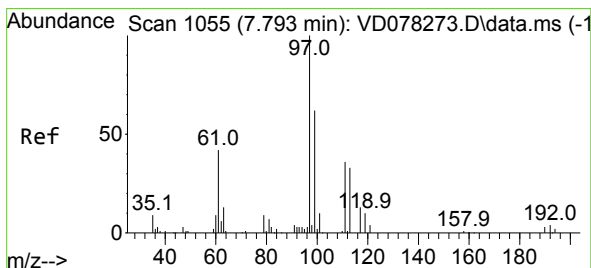
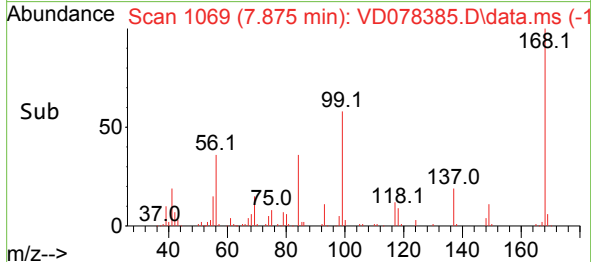
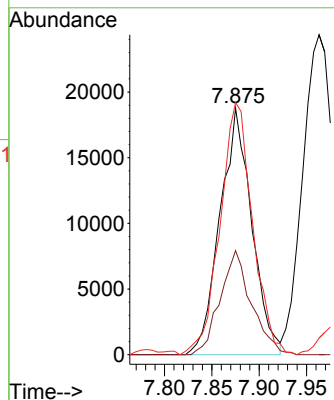
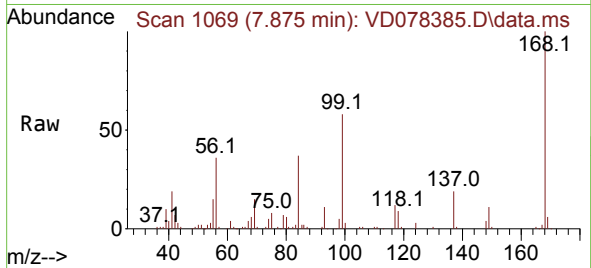




#31
Cyclohexane
Concen: 16.077 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

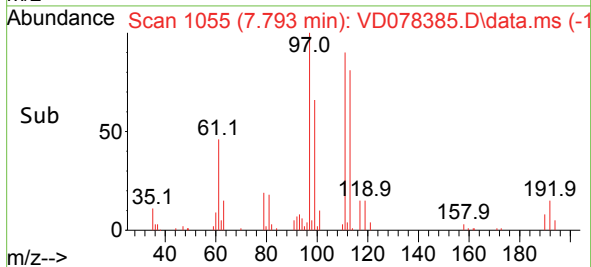
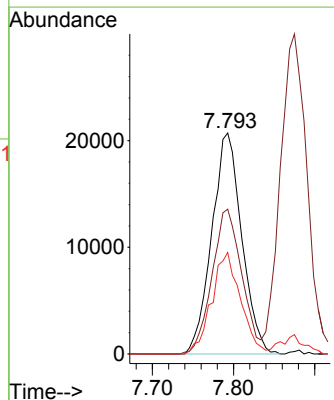
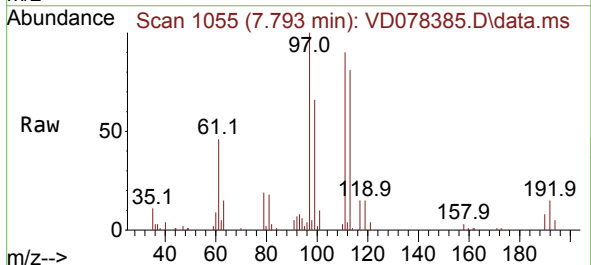
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

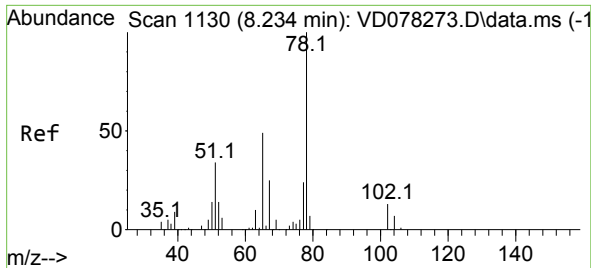
Tgt Ion: 56 Resp: 43869
Ion Ratio Lower Upper
56 100
69 42.1 28.6 43.0
84 102.2 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 19.175 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion: 97 Resp: 53131
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 44.2 33.8 50.8

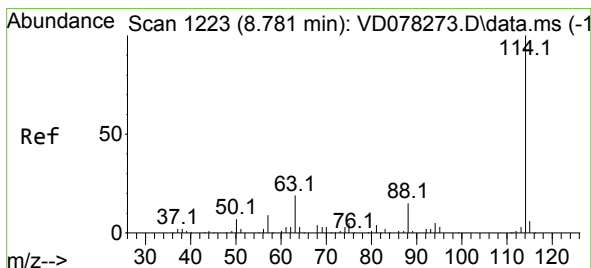
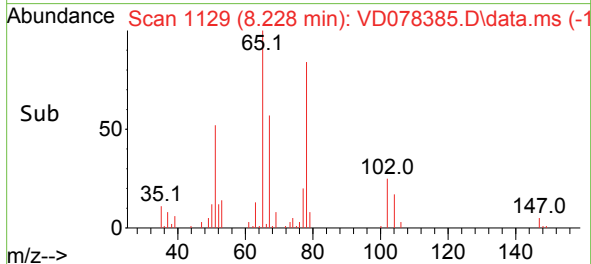
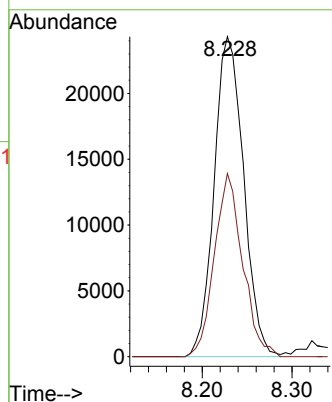
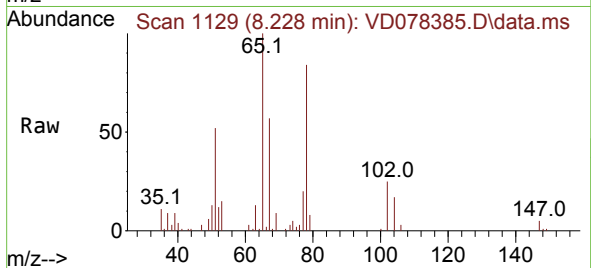




#33
1,2-Dichloroethane-d4
Concen: 38.029 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

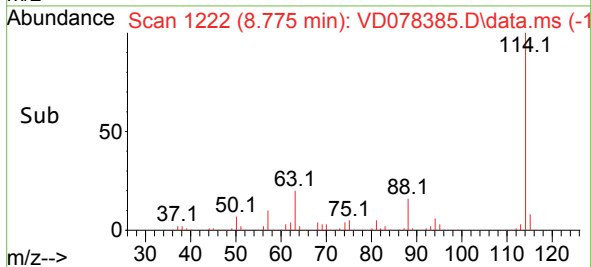
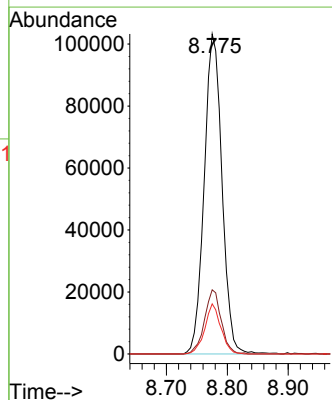
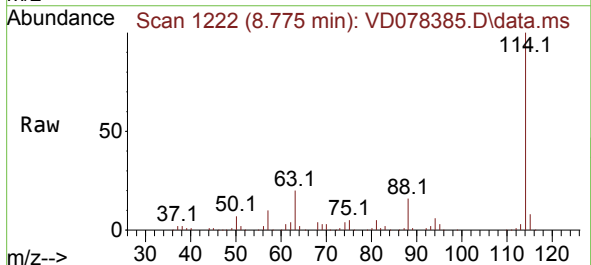
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

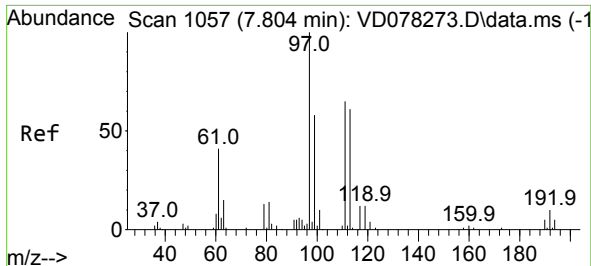
Tgt Ion: 65 Resp: 55407
Ion Ratio Lower Upper
65 100
67 54.8 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion: 114 Resp: 209732
Ion Ratio Lower Upper
114 100
63 20.1 0.0 33.4
88 15.6 0.0 26.2

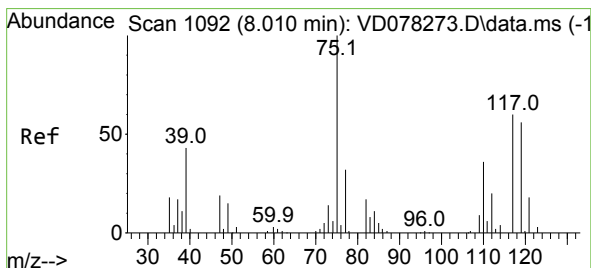
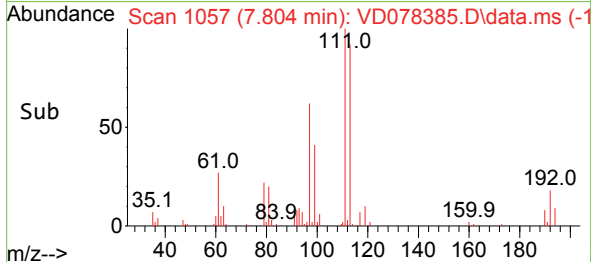
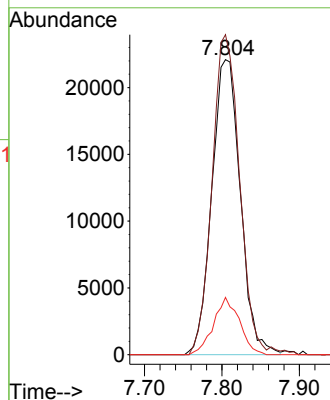
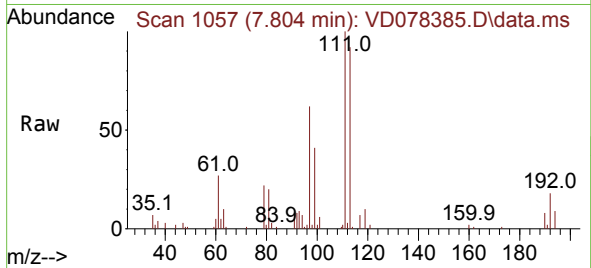




#35
Dibromofluoromethane
Concen: 37.924 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

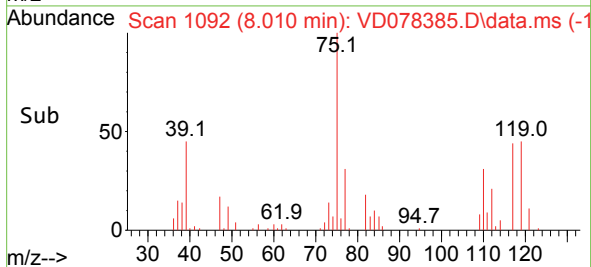
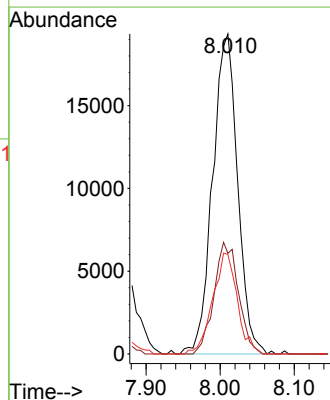
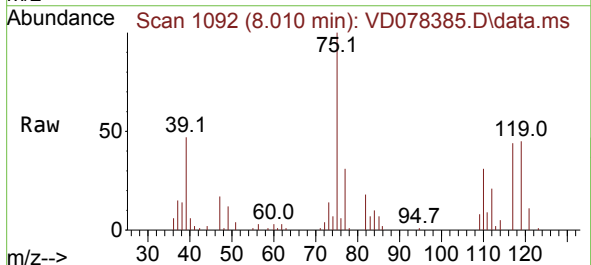
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

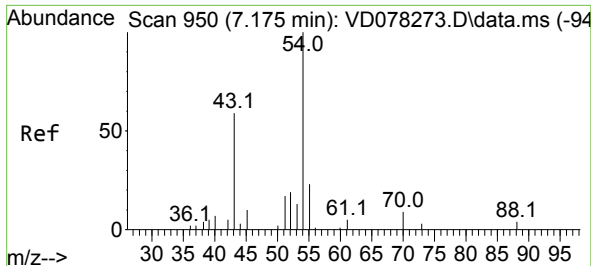
Tgt Ion:113 Resp: 56626
Ion Ratio Lower Upper
113 100
111 104.9 84.7 127.1
192 17.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 18.271 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion: 75 Resp: 45240
Ion Ratio Lower Upper
75 100
110 34.1 19.9 59.6
77 31.0 24.7 37.1

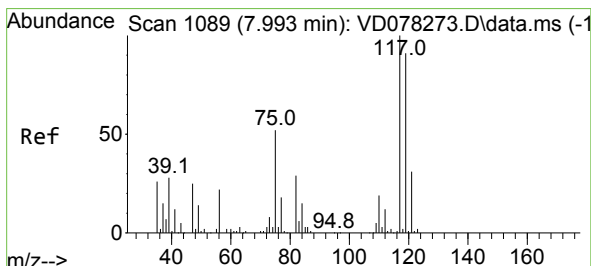
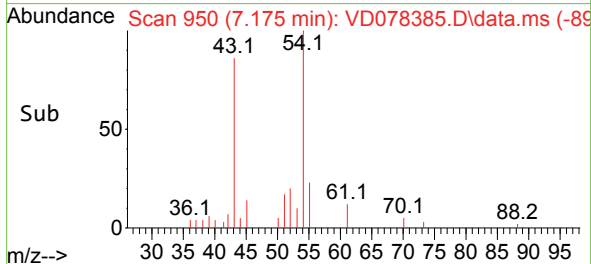
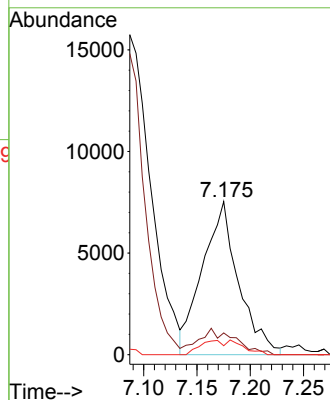
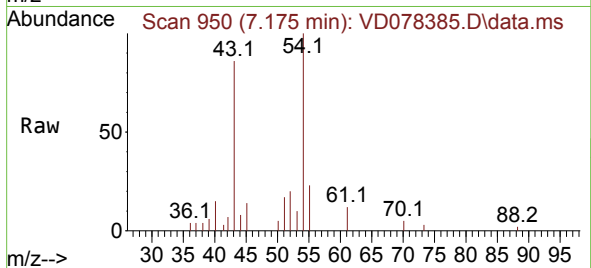




#37
Ethyl Acetate
Concen: 18.631 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

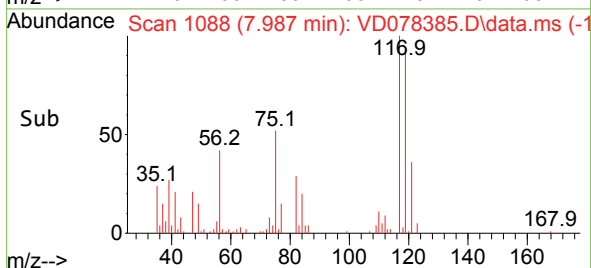
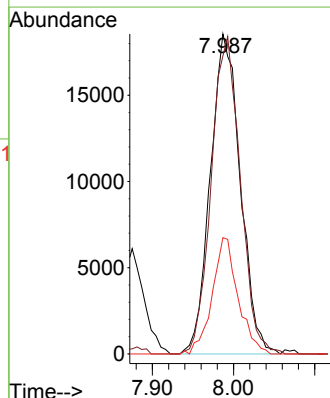
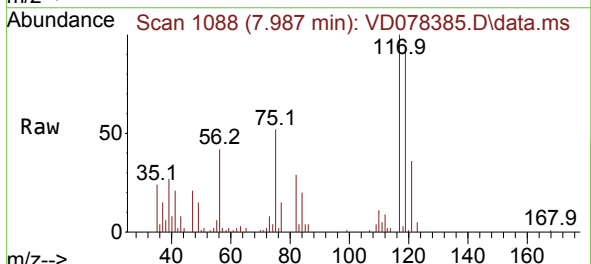
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

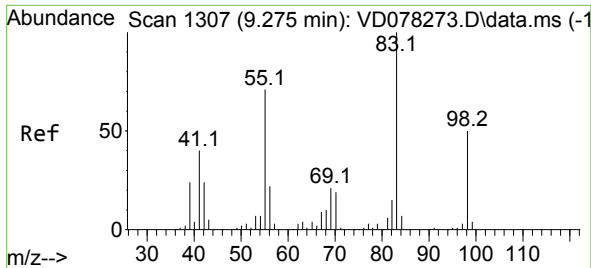
Tgt Ion: 43 Resp: 17755
Ion Ratio Lower Upper
43 100
61 16.8 14.9 22.3
70 6.1 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 19.512 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion: 117 Resp: 47503
Ion Ratio Lower Upper
117 100
119 93.1 78.0 117.0
121 36.4 24.2 36.2#





#39

Methylcyclohexane

Concen: 17.176 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD078385.D

Acq: 09 Feb 2024 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01

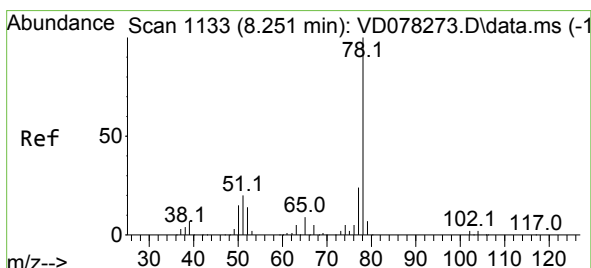
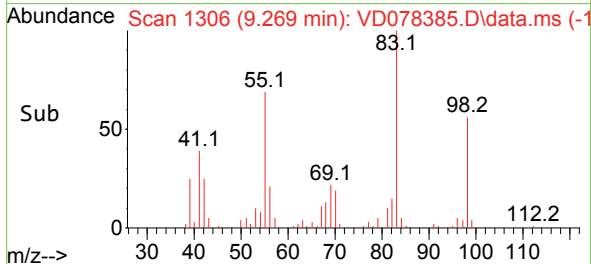
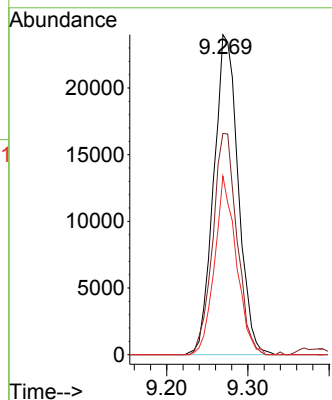
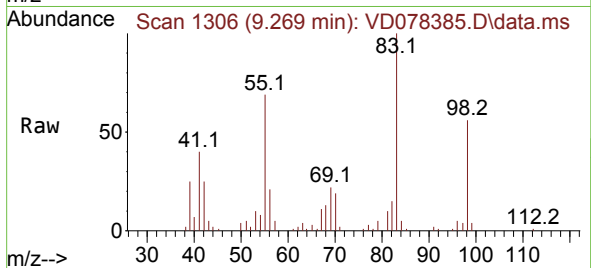
Tgt Ion: 83 Resp: 50282

Ion Ratio Lower Upper

83 100

55 69.1 49.4 74.0

98 55.8 38.4 57.6



#40

Benzene

Concen: 17.898 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078385.D

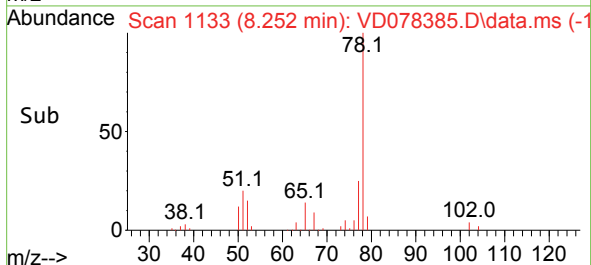
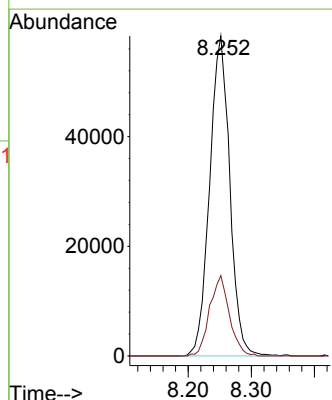
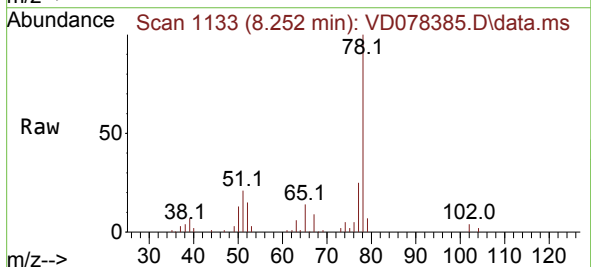
Acq: 09 Feb 2024 12:53

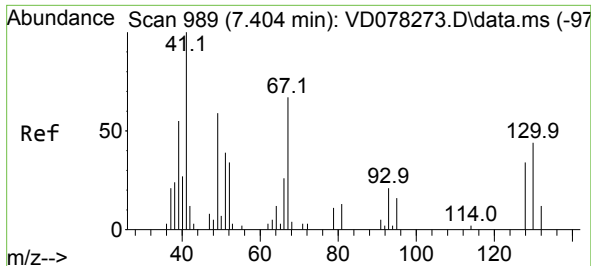
Tgt Ion: 78 Resp: 129304

Ion Ratio Lower Upper

78 100

77 25.1 19.4 29.0

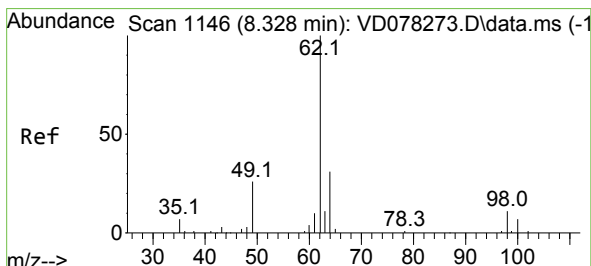
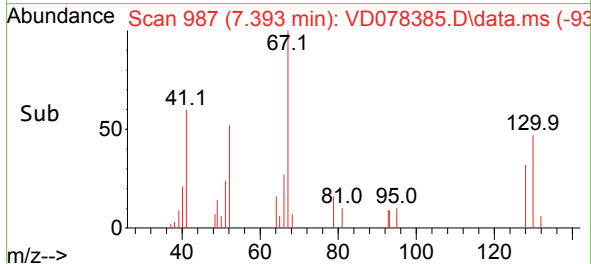
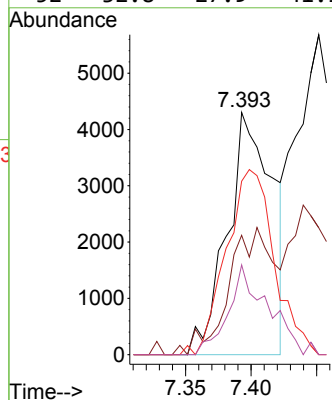
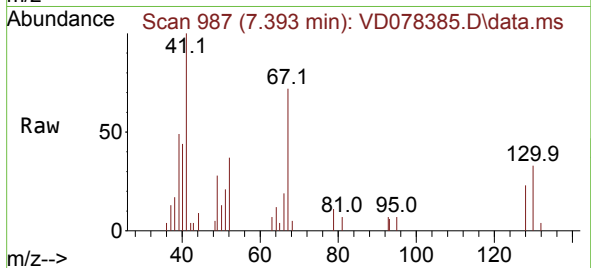




#41
Methacrylonitrile
Concen: 20.030 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

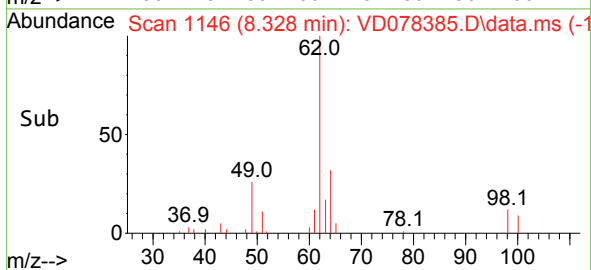
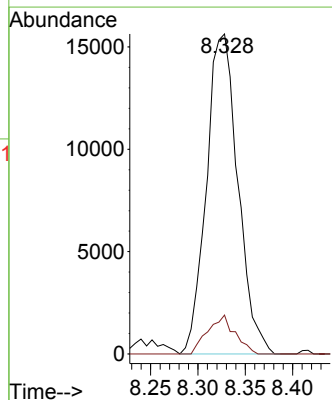
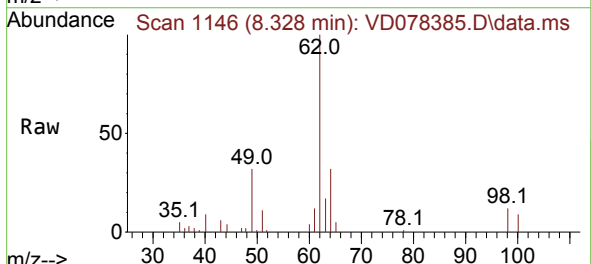
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

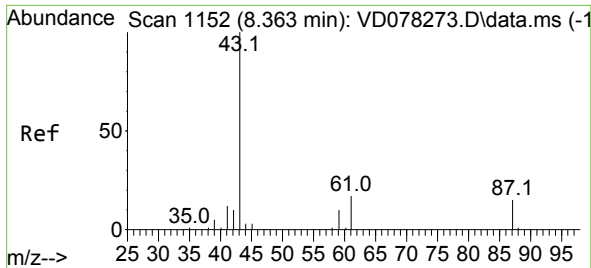
Tgt Ion: 41 Resp: 10262
Ion Ratio Lower Upper
41 100
39 53.4 34.0 51.0#
67 81.6 77.0 115.4
52 32.8 27.9 41.9



#42
1,2-Dichloroethane
Concen: 19.309 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion: 62 Resp: 36180
Ion Ratio Lower Upper
62 100
98 10.4 0.0 25.4

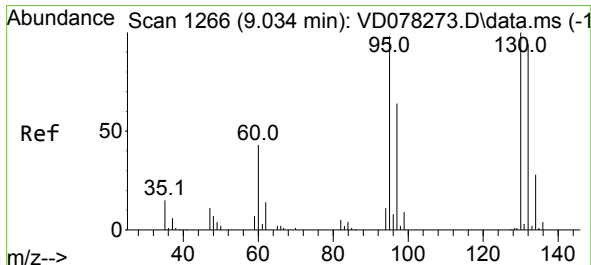
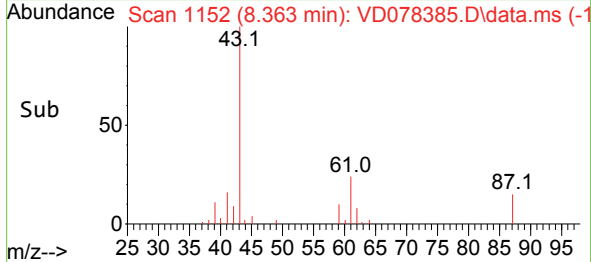
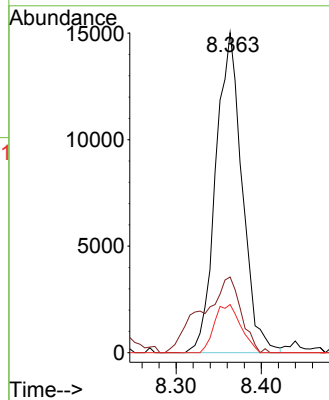
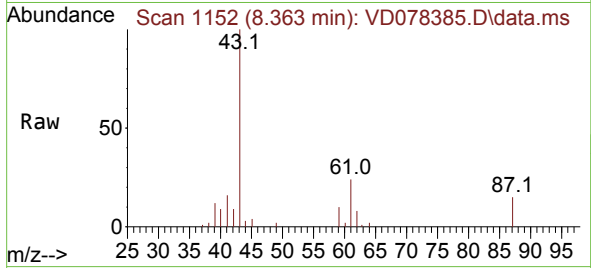




#43
Isopropyl Acetate
Concen: 18.874 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

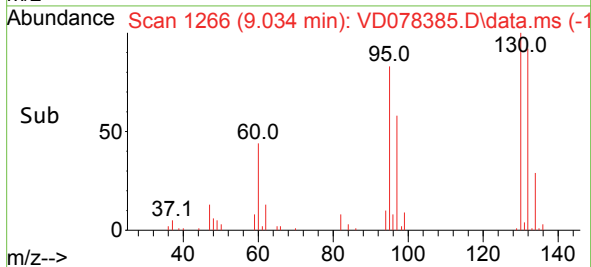
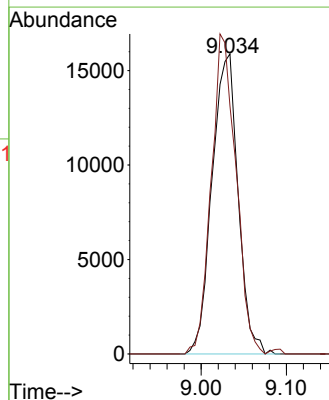
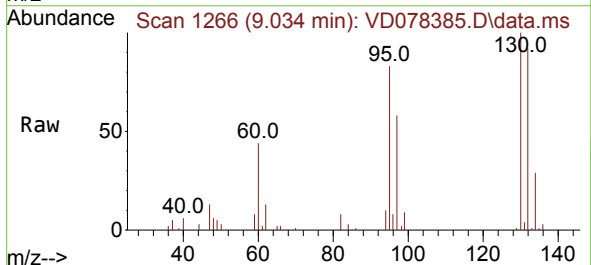
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

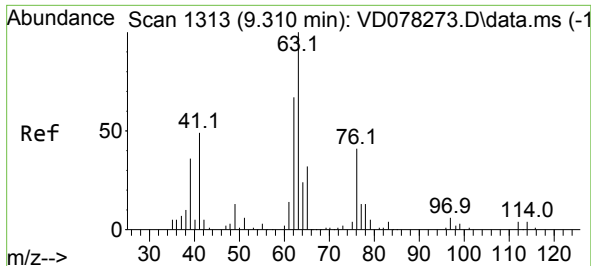
Tgt Ion: 43	Resp: 32249
Ion Ratio	Lower Upper
43 100	
61 34.9	31.4 47.0
87 15.1	14.9 22.3



#44
Trichloroethene
Concen: 19.017 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion: 130	Resp: 33737
Ion Ratio	Lower Upper
130 100	
95 82.6	0.0 179.2





#45

1,2-Dichloropropane

Concen: 19.154 ug/l

RT: 9.299 min Scan# 11

Delta R.T. -0.012 min

Lab File: VD078385.D

Acq: 09 Feb 2024 12:53

Instrument :

MSVOA_D

ClientSampleId :

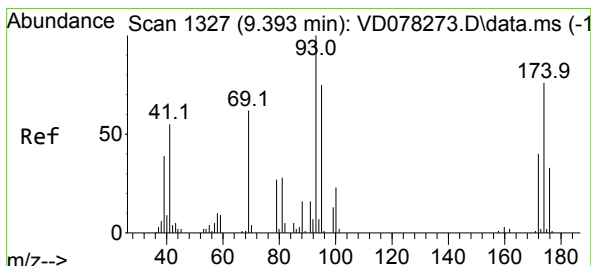
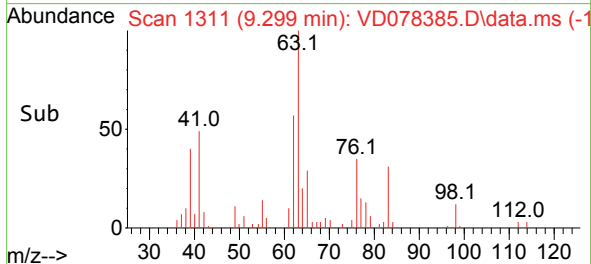
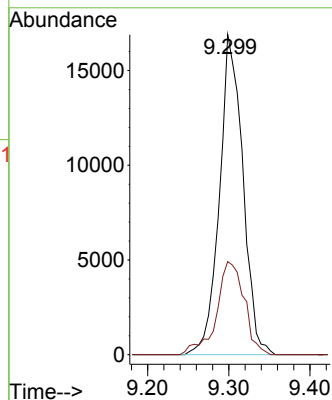
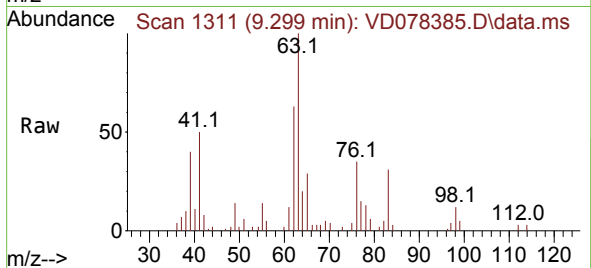
VD0209SBS01

Tgt Ion: 63 Resp: 33834

Ion Ratio Lower Upper

63 100

65 29.1 24.5 36.7



#46

Dibromomethane

Concen: 18.506 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078385.D

Acq: 09 Feb 2024 12:53

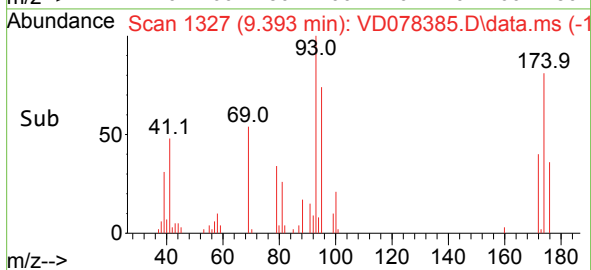
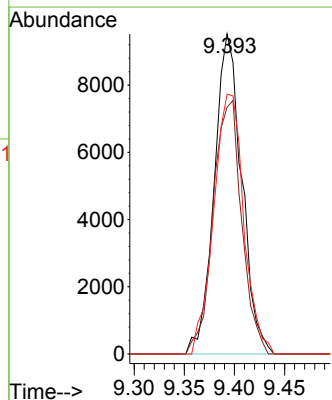
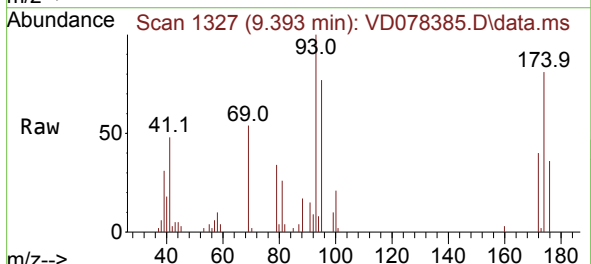
Tgt Ion: 93 Resp: 18137

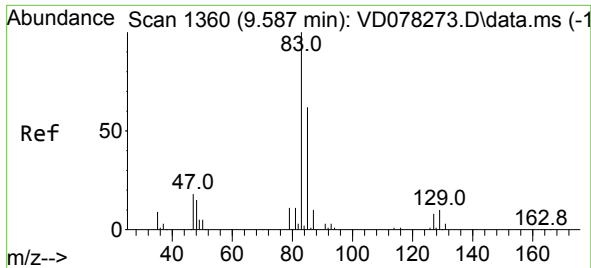
Ion Ratio Lower Upper

93 100

95 82.4 67.7 101.5

174 88.7 85.4 128.2

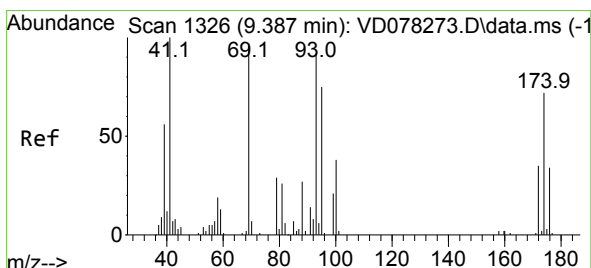
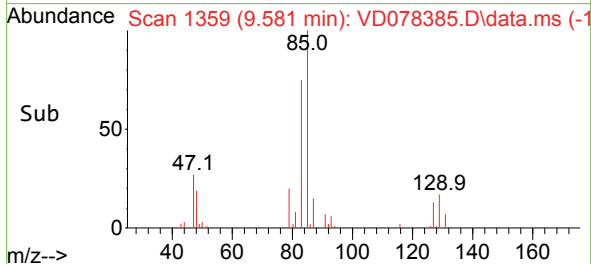
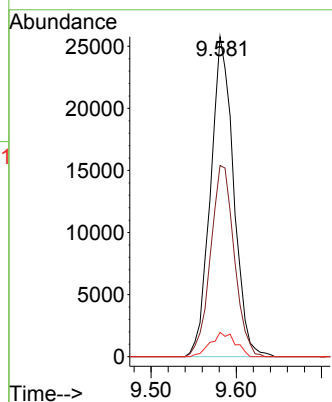
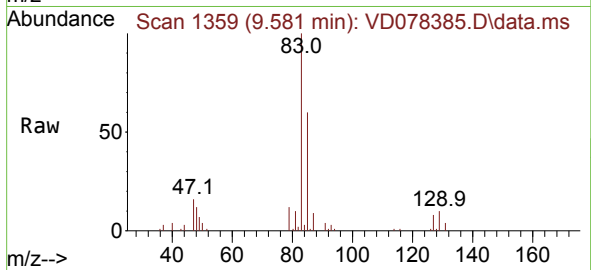




#47
Bromodichloromethane
Concen: 20.038 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

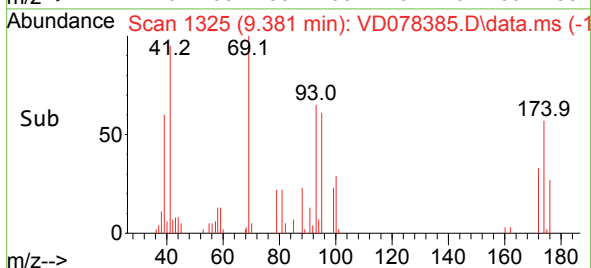
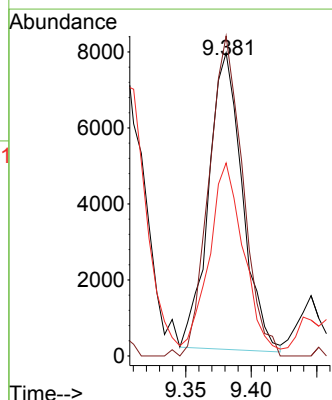
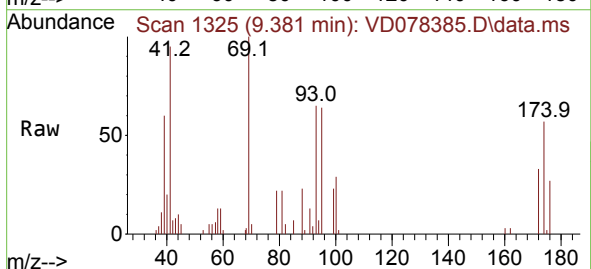
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

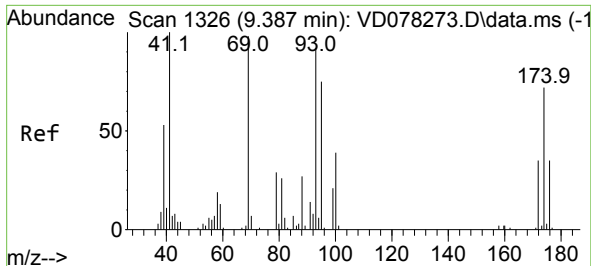
Tgt Ion: 83 Resp: 48318
Ion Ratio Lower Upper
83 100
85 59.8 50.2 75.4
127 7.6 6.3 9.5



#48
Methyl methacrylate
Concen: 17.115 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.006 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion: 41 Resp: 13974
Ion Ratio Lower Upper
41 100
69 108.3 102.2 153.2
39 68.1 41.4 62.2#





#49

1,4-Dioxane

Concen: 364.385 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078385.D

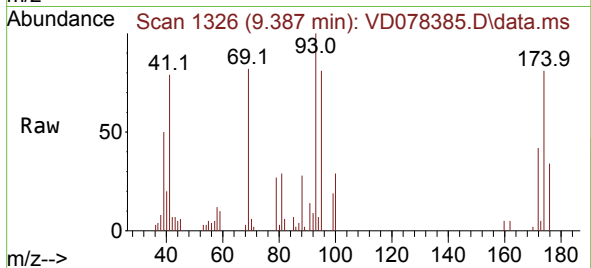
Acq: 09 Feb 2024 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01



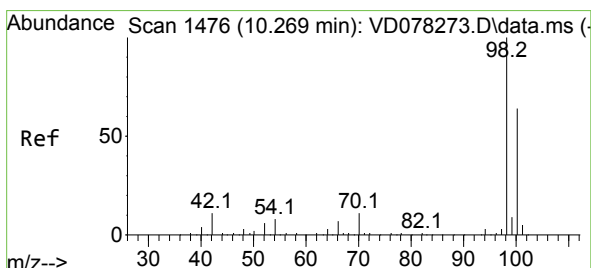
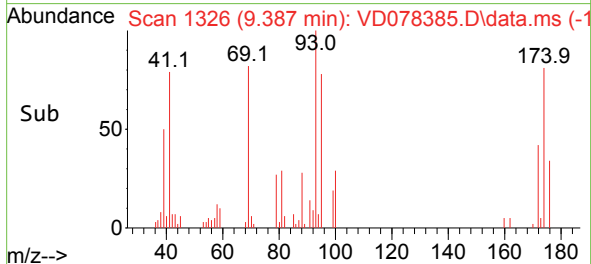
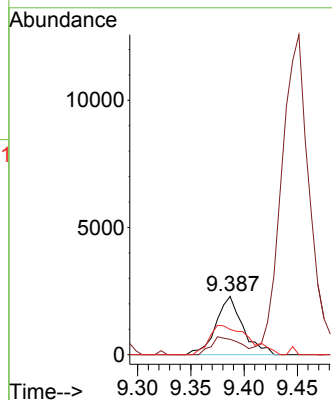
Tgt Ion: 88 Resp: 4006

Ion Ratio Lower Upper

88 100

43 32.3 19.0 28.6#

58 73.7 43.5 65.3#



#50

Toluene-d8

Concen: 37.050 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078385.D

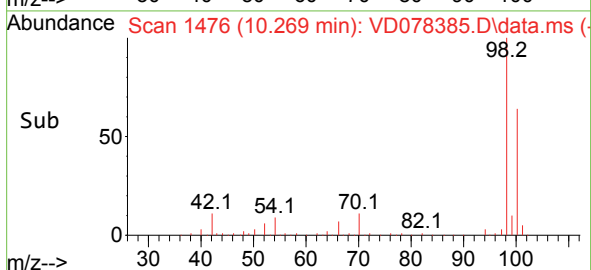
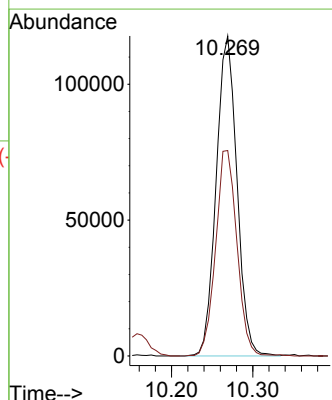
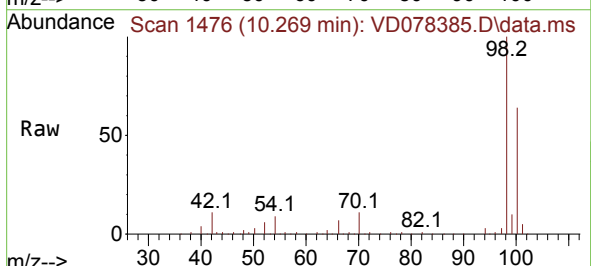
Acq: 09 Feb 2024 12:53

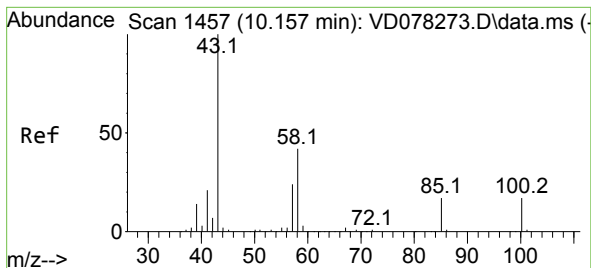
Tgt Ion: 98 Resp: 209445

Ion Ratio Lower Upper

98 100

100 65.9 50.3 75.5

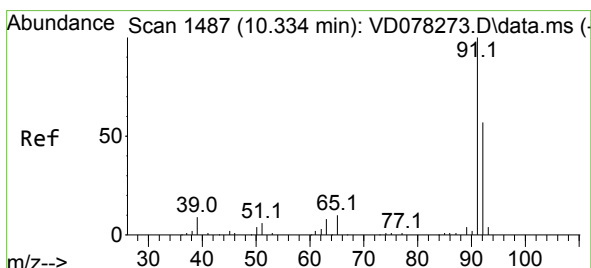
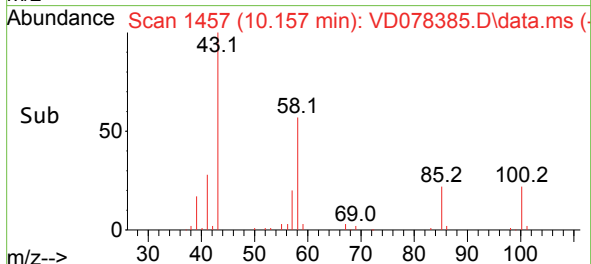
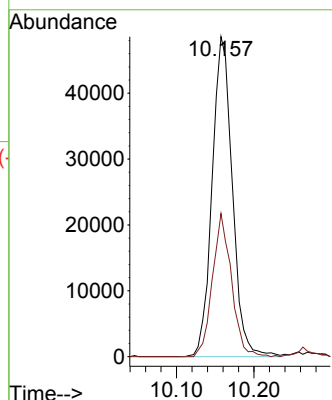
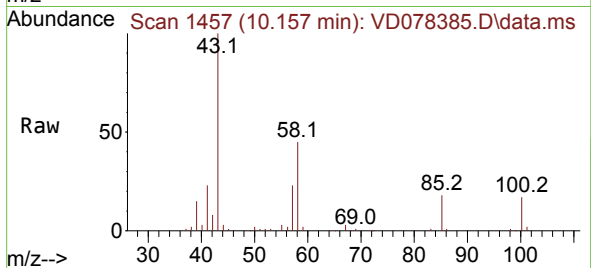




#51
4-Methyl-2-Pentanone
Concen: 95.365 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

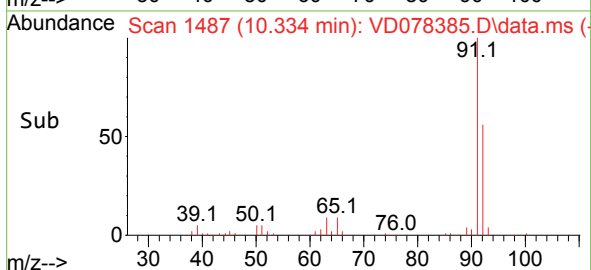
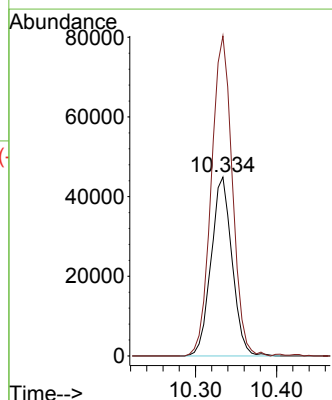
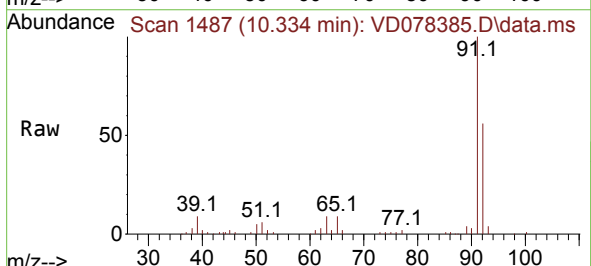
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

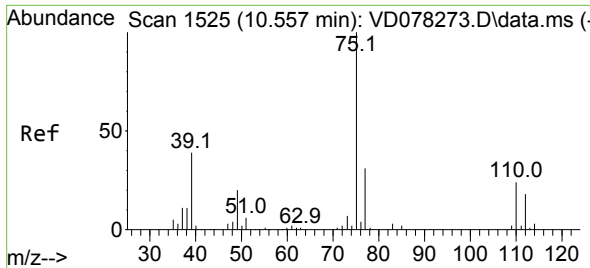
Tgt Ion: 43 Resp: 88148
Ion Ratio Lower Upper
43 100
58 42.0 38.9 58.3



#52
Toluene
Concen: 18.361 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion: 92 Resp: 80459
Ion Ratio Lower Upper
92 100
91 179.5 143.0 214.4

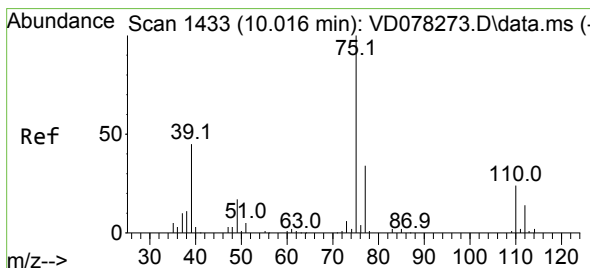
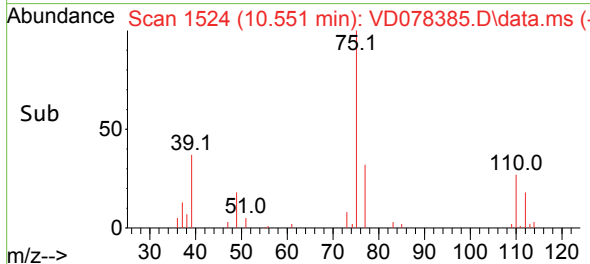
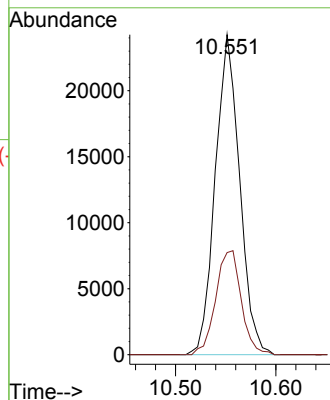
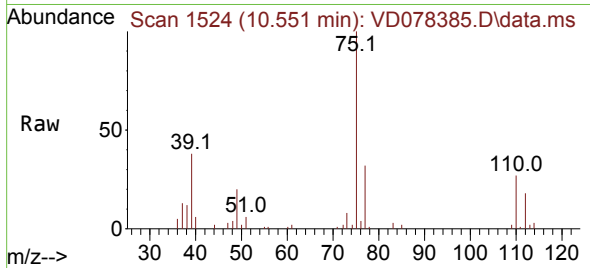




#53
t-1,3-Dichloropropene
Concen: 18.167 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

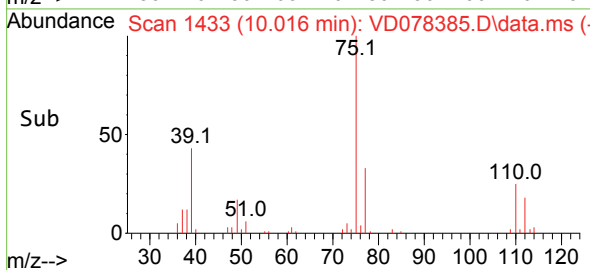
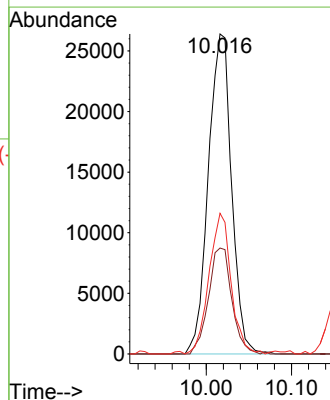
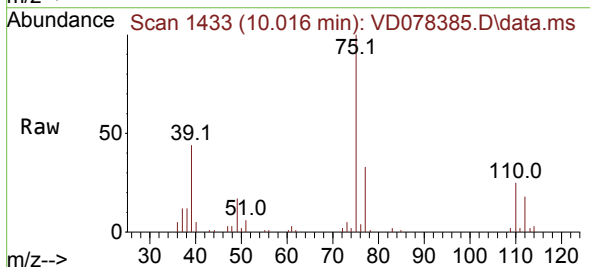
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

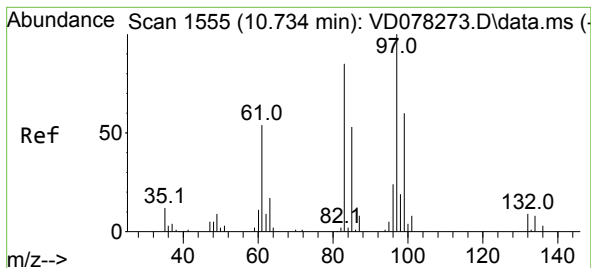
Tgt Ion: 75 Resp: 40916
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 18.736 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion: 75 Resp: 49958
Ion Ratio Lower Upper
75 100
77 33.1 25.5 38.3
39 43.3 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 19.961 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078385.D

Acq: 09 Feb 2024 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01

Tgt Ion: 97 Resp: 25529

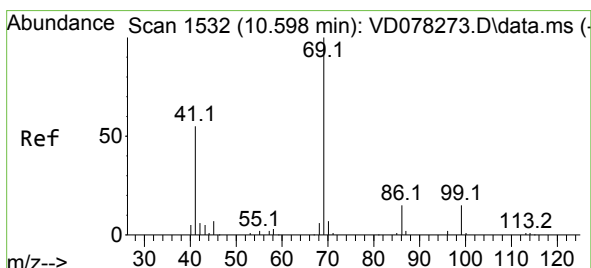
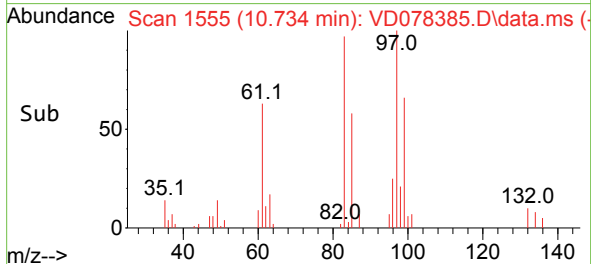
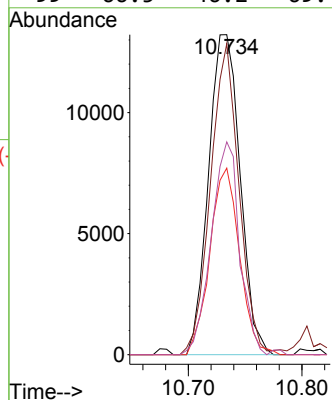
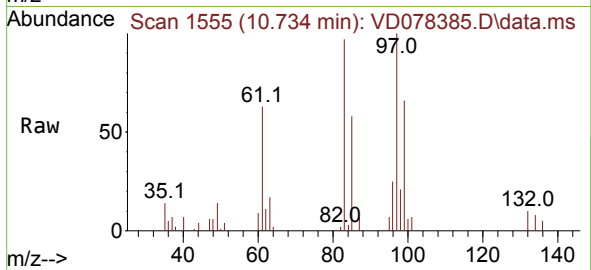
Ion Ratio Lower Upper

97 100

83 97.2 65.8 98.6

85 58.3 45.7 68.5

99 66.5 46.2 69.4



#56

Ethyl methacrylate

Concen: 18.018 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078385.D

Acq: 09 Feb 2024 12:53

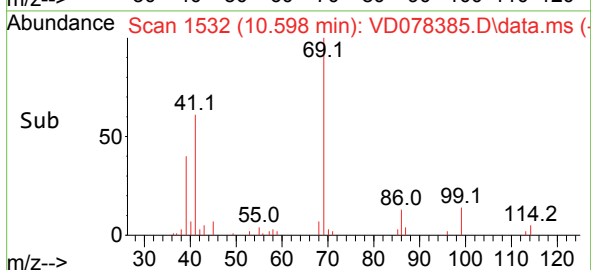
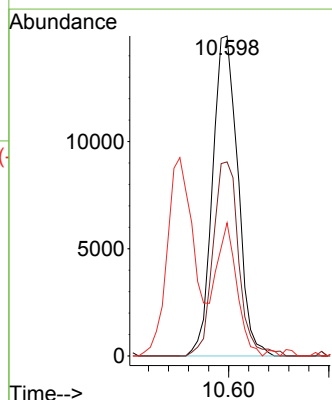
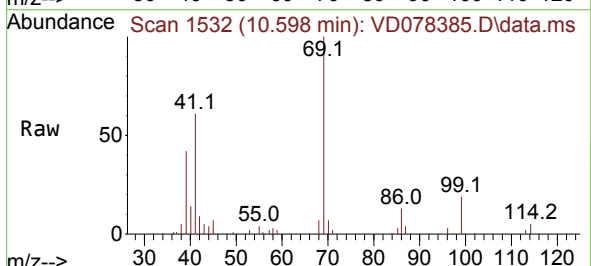
Tgt Ion: 69 Resp: 26137

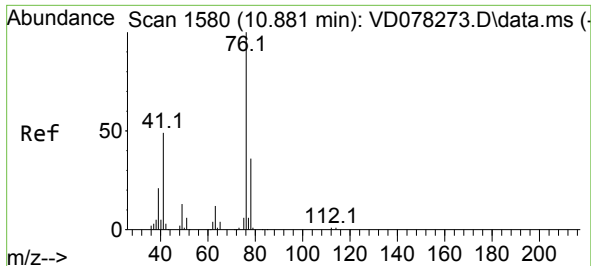
Ion Ratio Lower Upper

69 100

41 61.9 39.1 58.7#

39 33.0 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 19.215 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD078385.D

Acq: 09 Feb 2024 12:53

Instrument :

MSVOA_D

ClientSampleId :

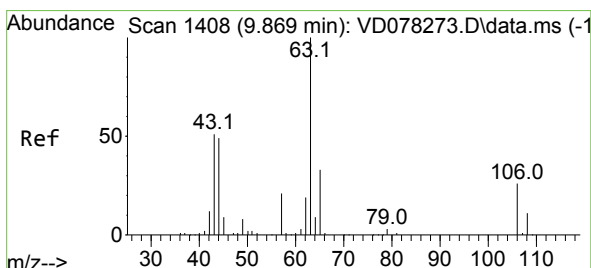
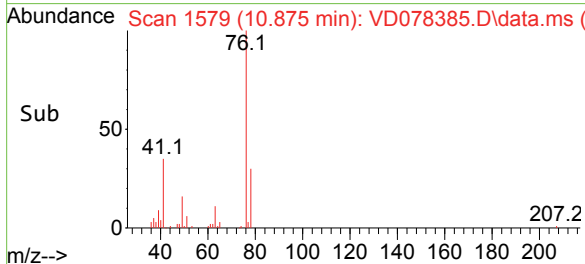
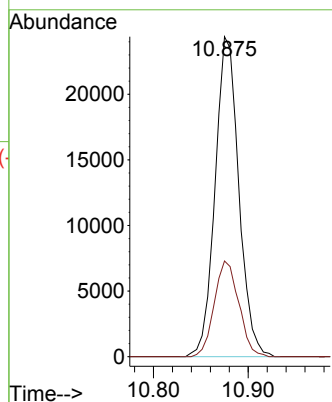
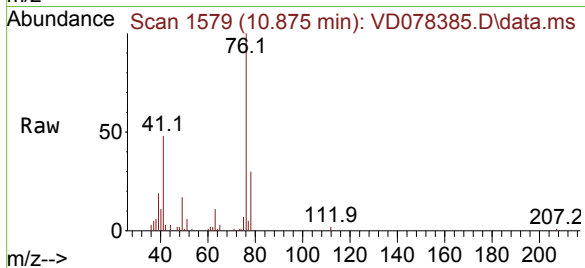
VD0209SBS01

Tgt Ion: 76 Resp: 42373

Ion Ratio Lower Upper

76 100

78 30.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 84.485 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078385.D

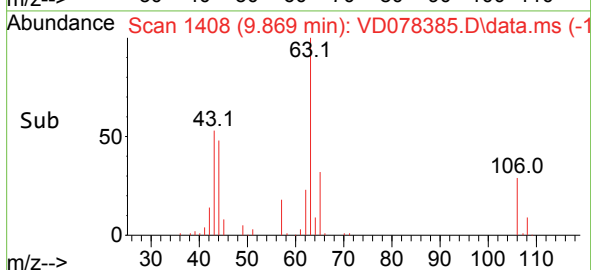
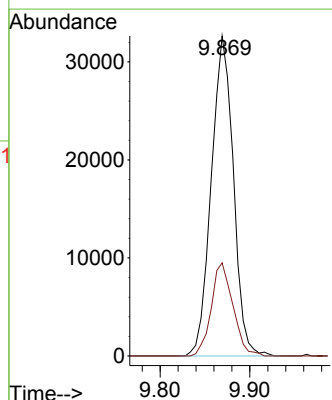
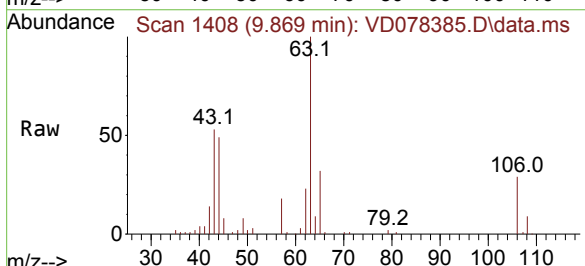
Acq: 09 Feb 2024 12:53

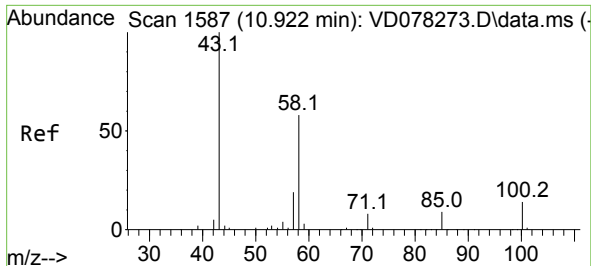
Tgt Ion: 63 Resp: 55734

Ion Ratio Lower Upper

63 100

106 28.6 25.3 37.9

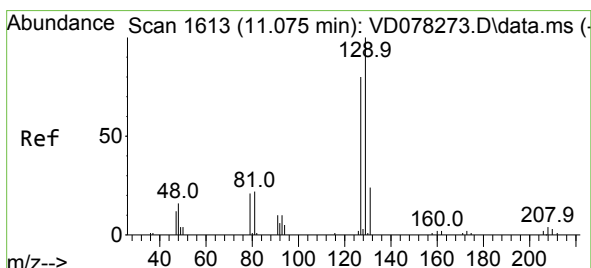
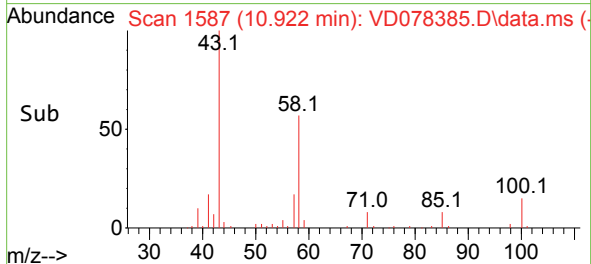
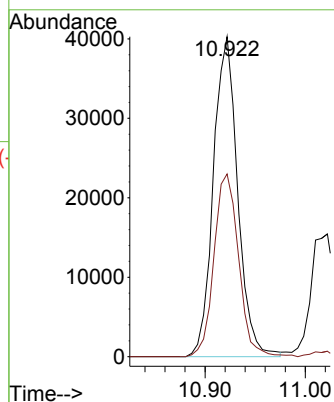
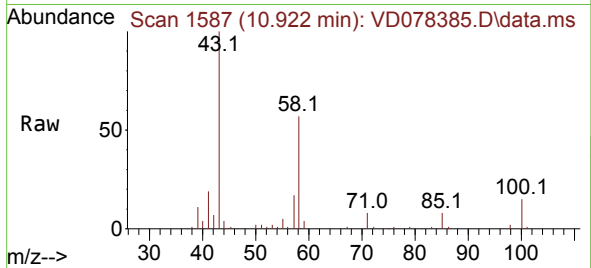




#59
2-Hexanone
Concen: 97.529 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

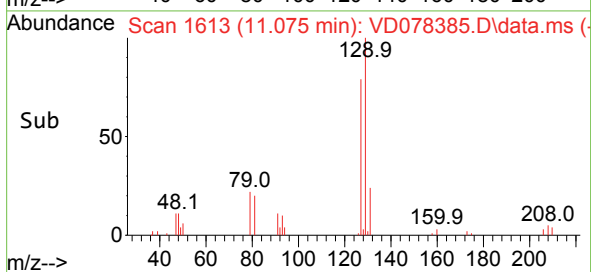
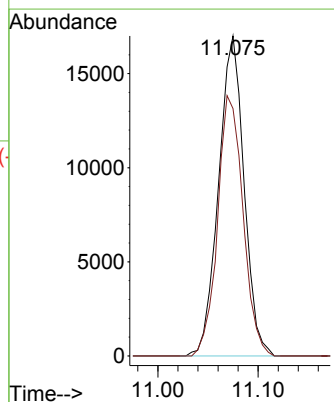
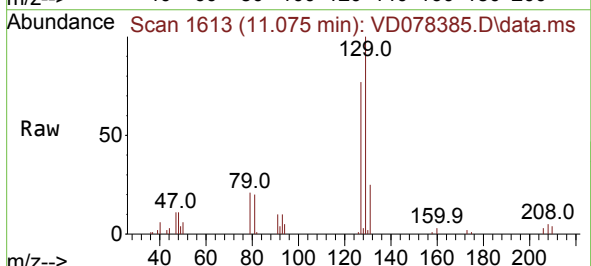
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

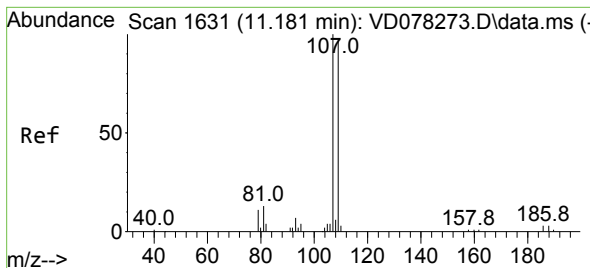
Tgt Ion: 43 Resp: 67893
Ion Ratio Lower Upper
43 100
58 57.7 34.1 102.2



#60
Dibromochloromethane
Concen: 20.170 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion: 129 Resp: 29945
Ion Ratio Lower Upper
129 100
127 81.3 37.1 111.5

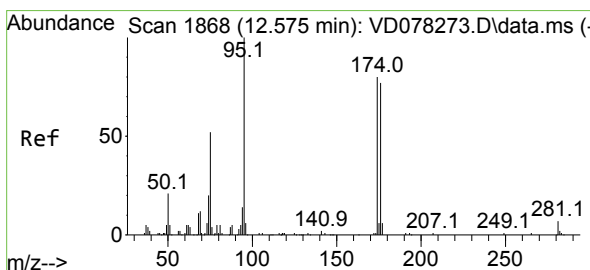
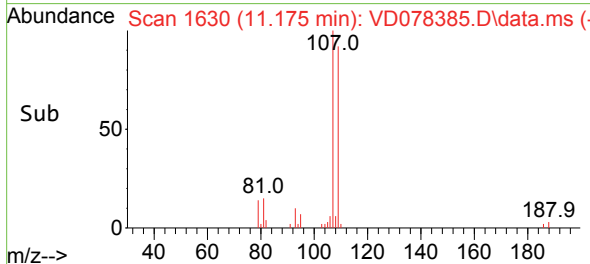
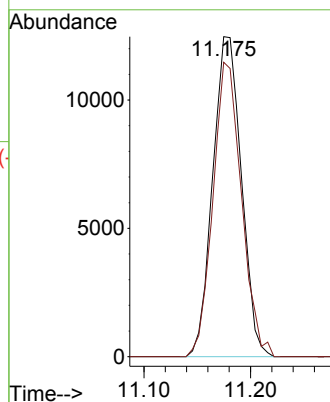
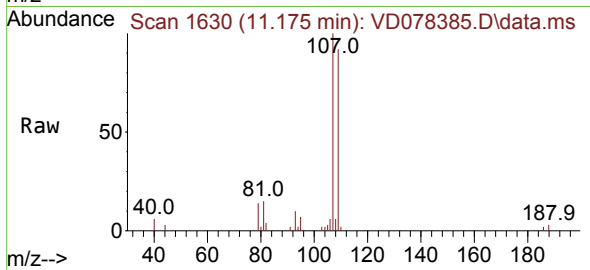




#61
1,2-Dibromoethane
Concen: 19.272 ug/l
RT: 11.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

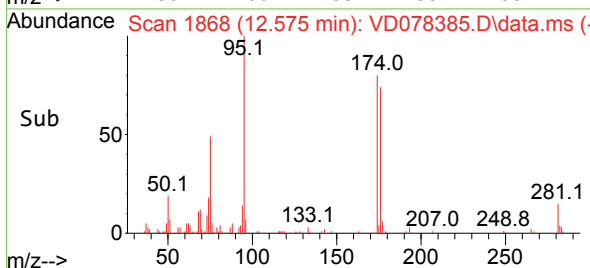
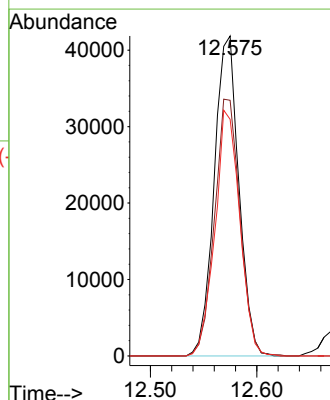
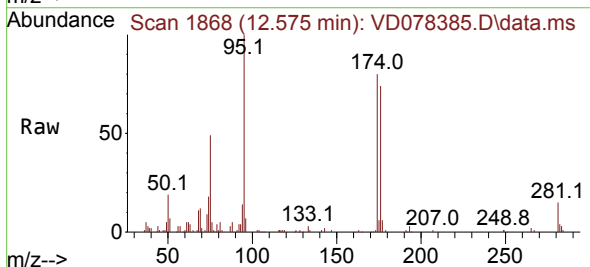
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

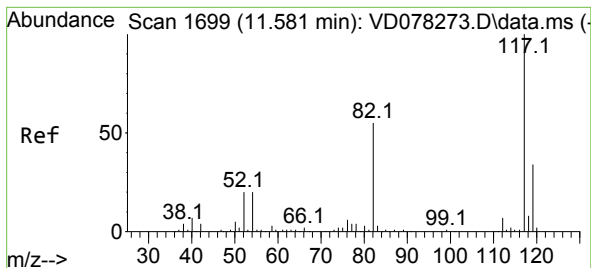
Tgt Ion:107 Resp: 23270
Ion Ratio Lower Upper
107 100
109 91.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 39.685 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion: 95 Resp: 67184
Ion Ratio Lower Upper
95 100
174 82.8 0.0 201.8
176 77.4 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078385.D

Acq: 09 Feb 2024 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01

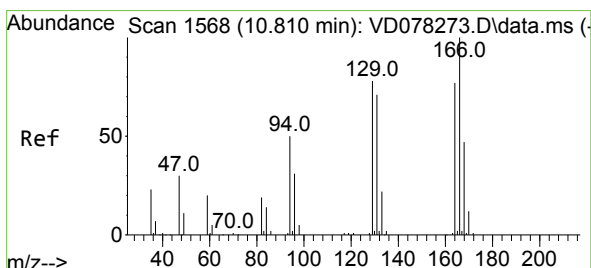
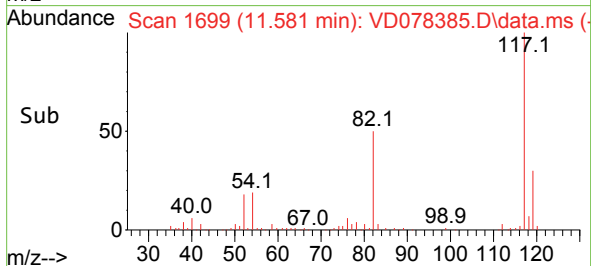
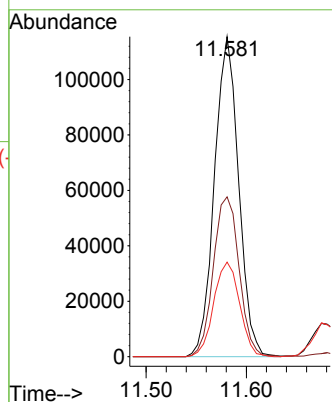
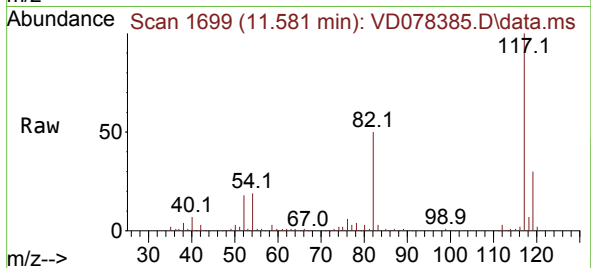
Tgt Ion:117 Resp: 193553

Ion Ratio Lower Upper

117 100

82 50.0 38.3 57.5

119 29.6 25.0 37.4



#64

Tetrachloroethene

Concen: 19.245 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078385.D

Acq: 09 Feb 2024 12:53

Tgt Ion:164 Resp: 25980

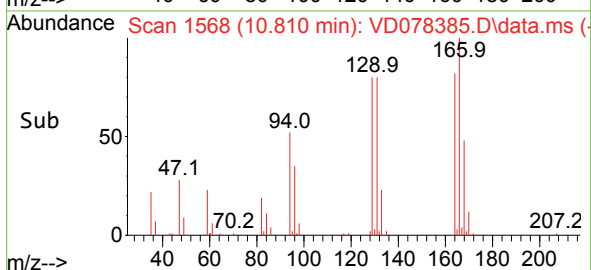
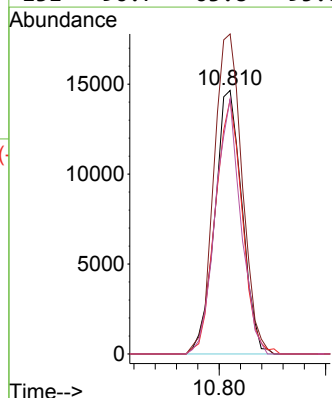
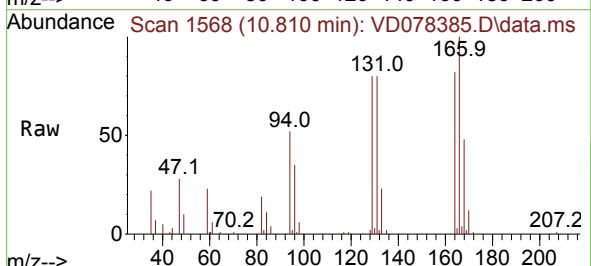
Ion Ratio Lower Upper

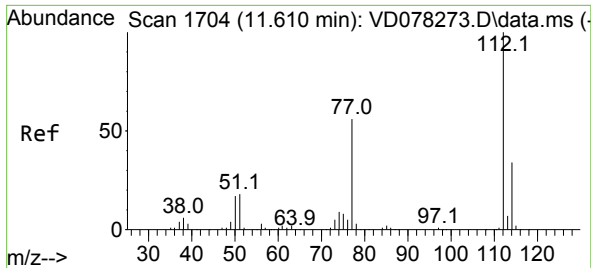
164 100

166 121.4 99.2 148.8

129 96.5 68.4 102.6

131 96.7 63.8 95.8#

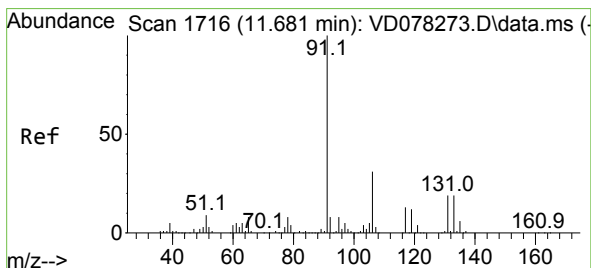
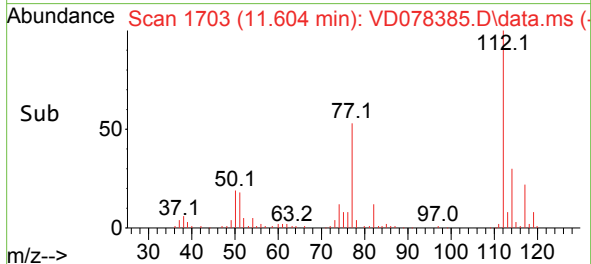
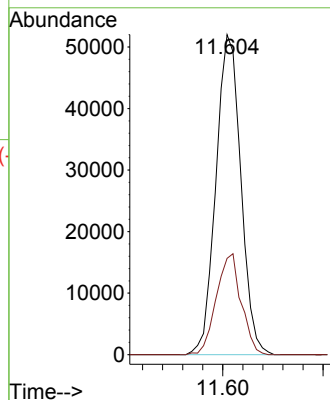
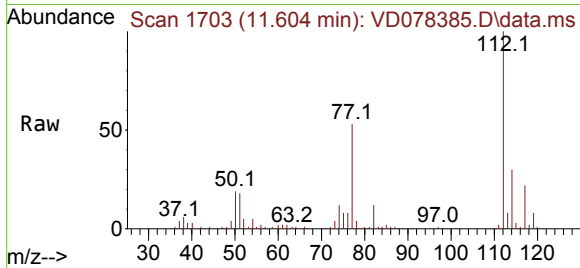




#65
Chlorobenzene
Concen: 19.354 ug/l
RT: 11.604 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

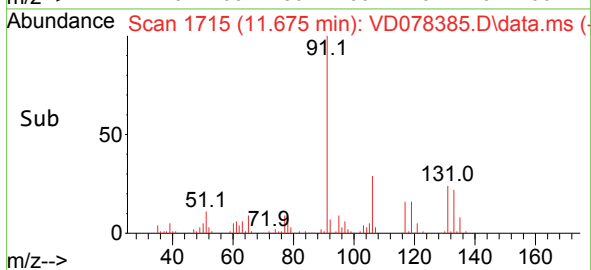
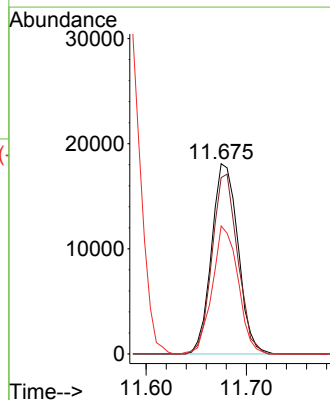
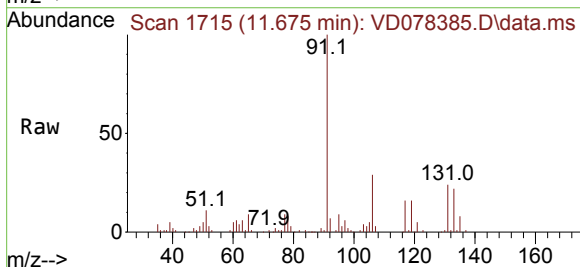
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

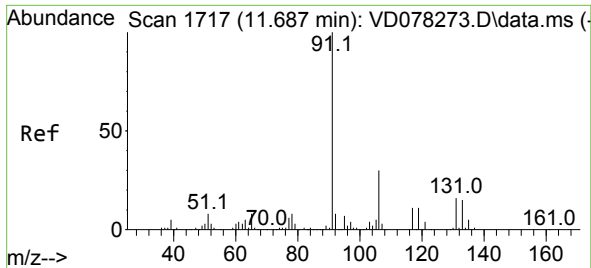
Tgt Ion:112 Resp: 89620
Ion Ratio Lower Upper
112 100
114 30.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.173 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion:131 Resp: 33259
Ion Ratio Lower Upper
131 100
133 91.3 48.5 145.5
119 65.5 35.6 106.9

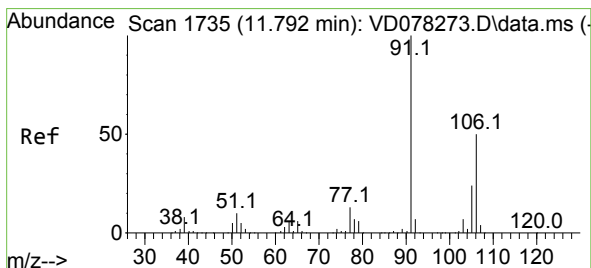
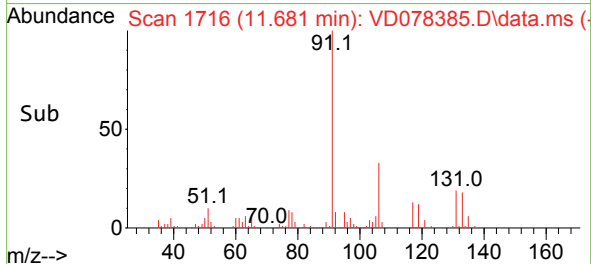
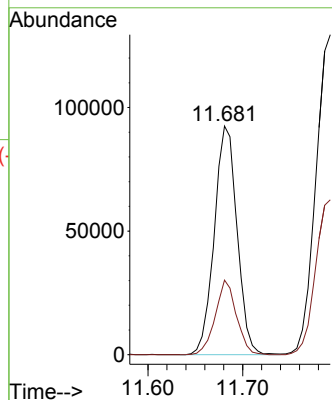
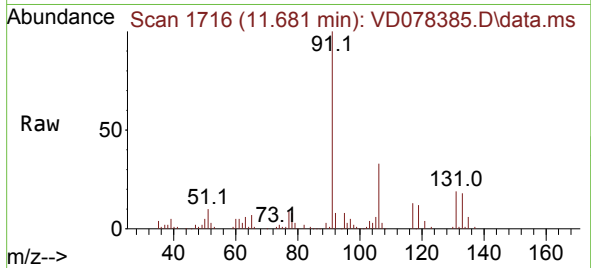




#67
Ethyl Benzene
Concen: 18.431 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

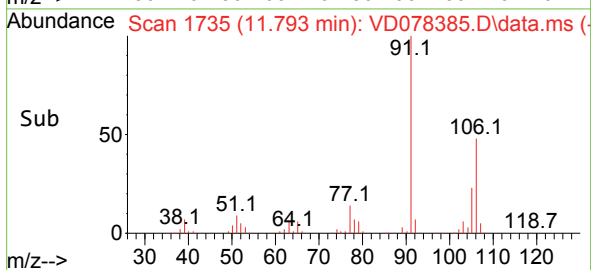
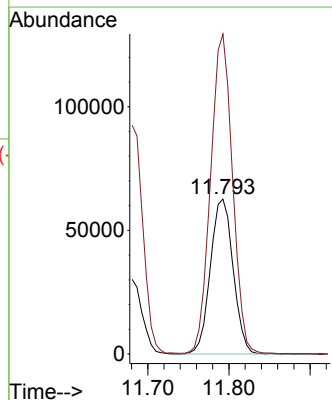
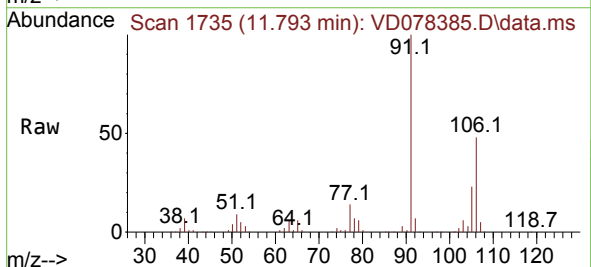
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

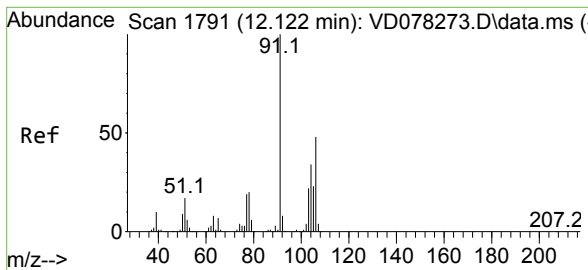
Tgt Ion: 91 Resp: 154596
Ion Ratio Lower Upper
91 100
106 32.6 26.5 39.7



#68
m/p-Xylenes
Concen: 37.804 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion:106 Resp: 121995
Ion Ratio Lower Upper
106 100
91 199.5 147.0 220.6

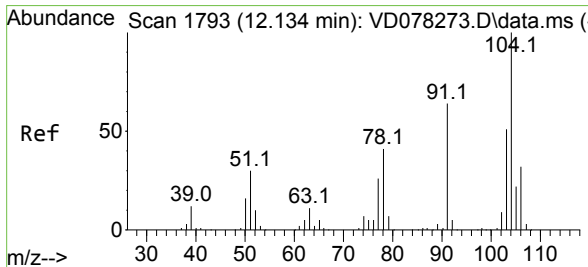
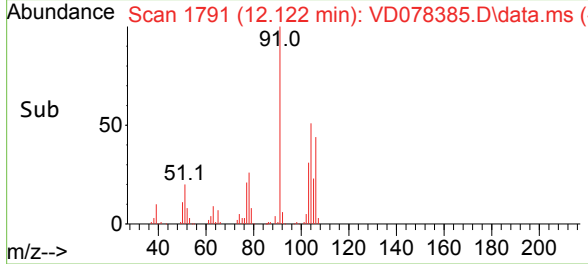
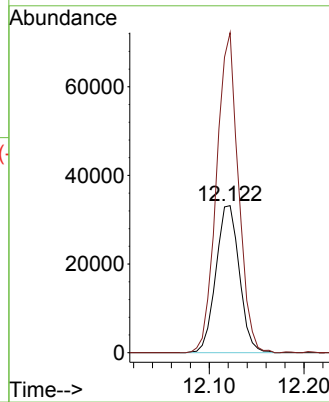
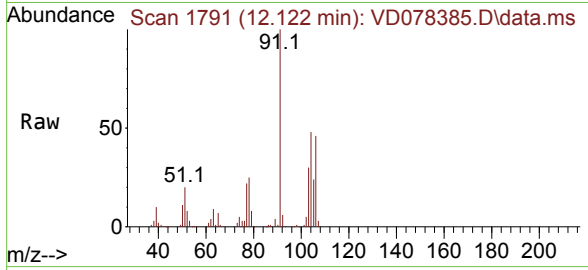




#69
o-Xylene
Concen: 19.269 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

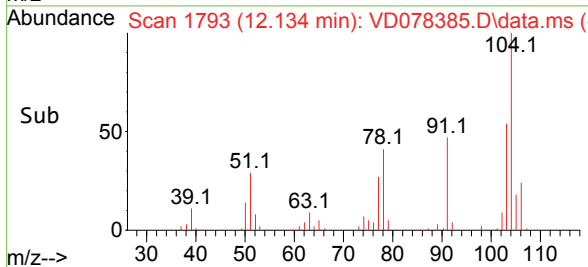
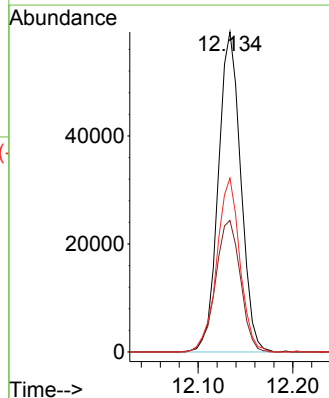
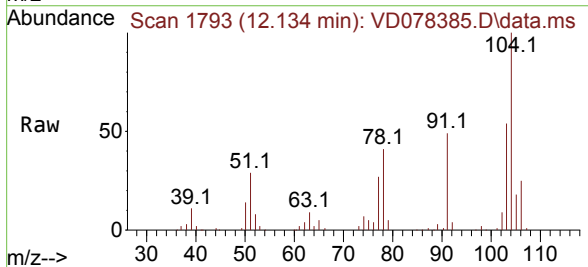
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

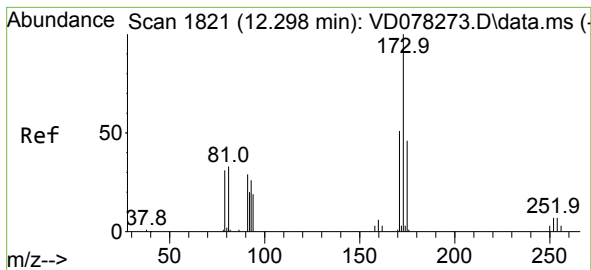
Tgt Ion	106	Resp	57145
Ion Ratio	Lower	Upper	
106	100		
91	203.3	97.9	293.6



#70
Styrene
Concen: 19.259 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion	104	Resp	97539
Ion Ratio	Lower	Upper	
104	100		
78	45.6	33.2	49.8
103	55.9	43.6	65.4





#71

Bromoform

Concen: 20.482 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078385.D

Acq: 09 Feb 2024 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01

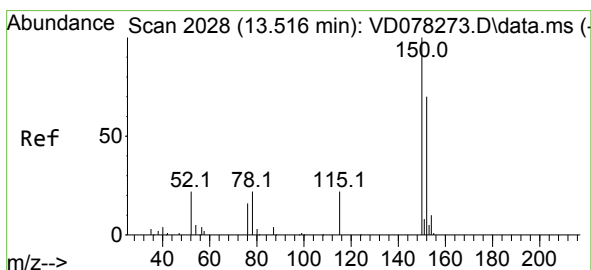
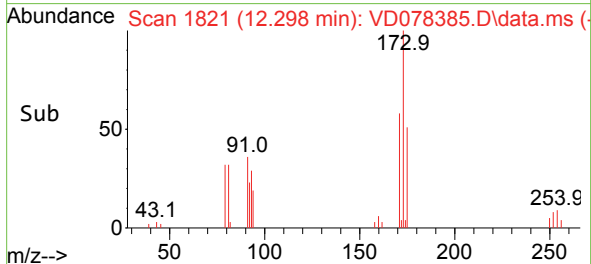
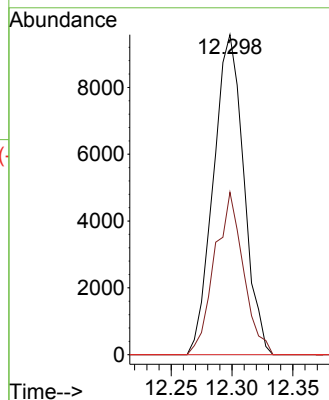
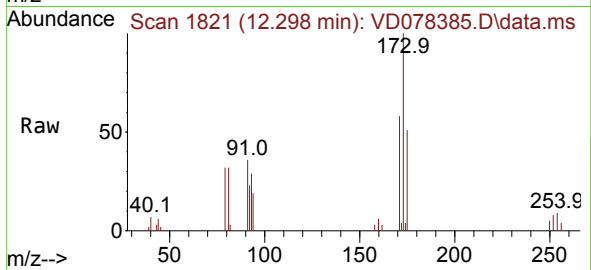
Tgt Ion:173 Resp: 16631

Ion Ratio Lower Upper

173 100

175 48.2 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078385.D

Acq: 09 Feb 2024 12:53

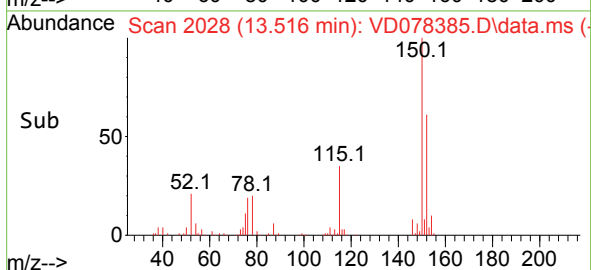
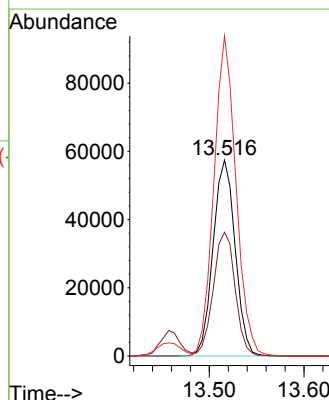
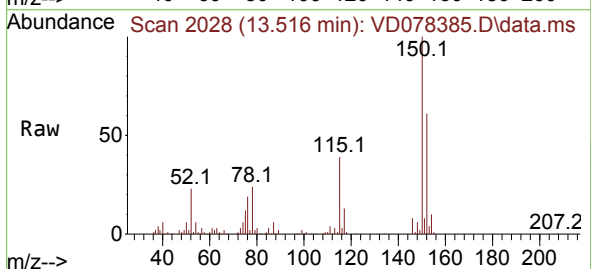
Tgt Ion:152 Resp: 93012

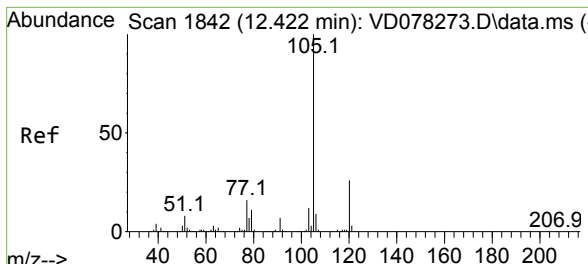
Ion Ratio Lower Upper

152 100

115 62.2 27.1 81.3

150 163.6 0.0 353.6

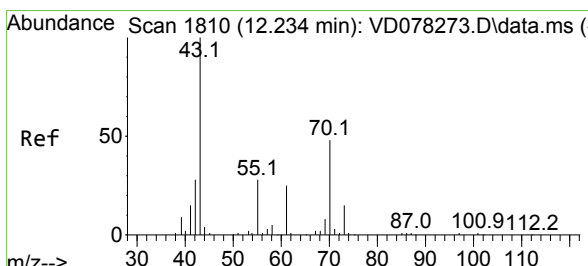
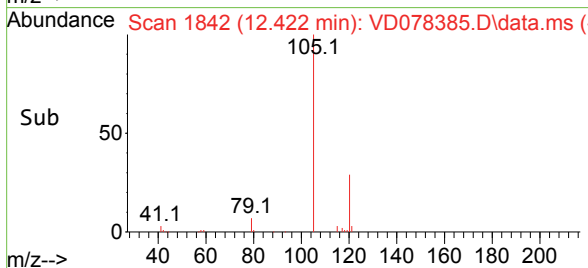
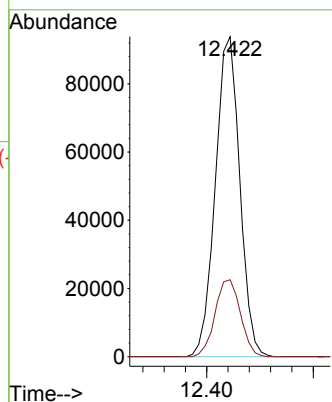
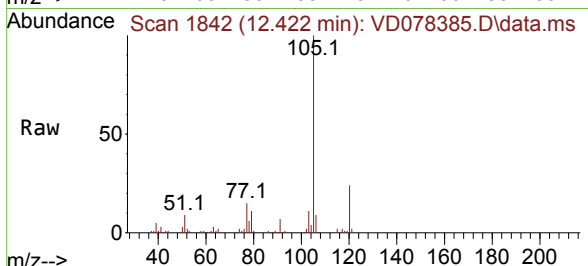




#73
Isopropylbenzene
Concen: 18.932 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

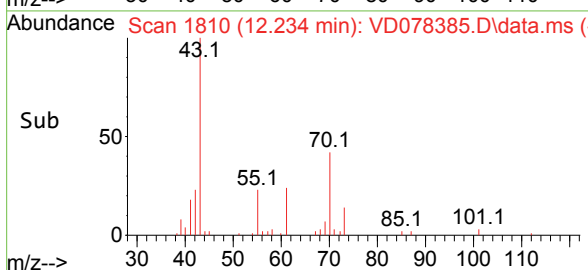
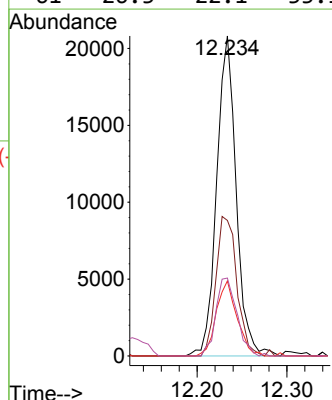
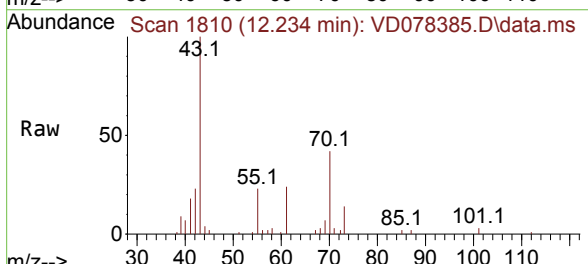
Instrument : MSVOA_D
ClientSampleId : VD0209SBS01

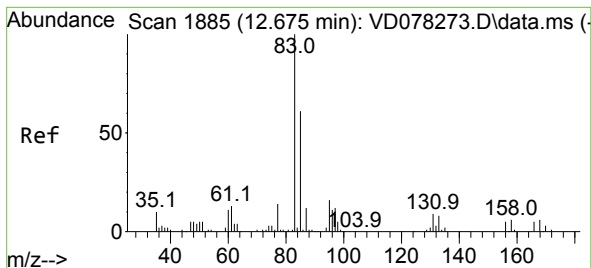
Tgt Ion:105 Resp: 148987
Ion Ratio Lower Upper
105 100
120 25.0 14.3 42.9



#74
N-ethyl acetate
Concen: 19.338 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion: 43 Resp: 31474
Ion Ratio Lower Upper
43 100
70 46.5 45.0 67.4
55 24.9 23.8 35.6
61 26.3 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.421 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078385.D

Acq: 09 Feb 2024 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01

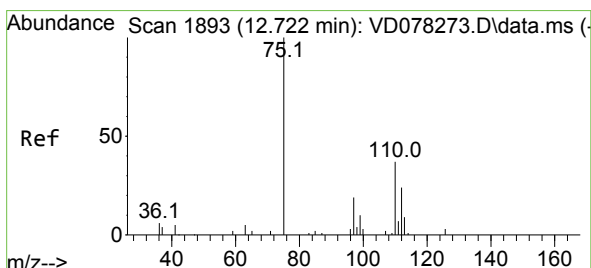
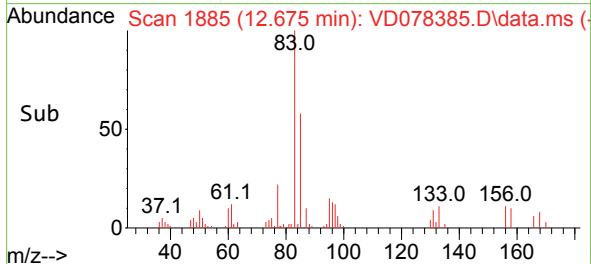
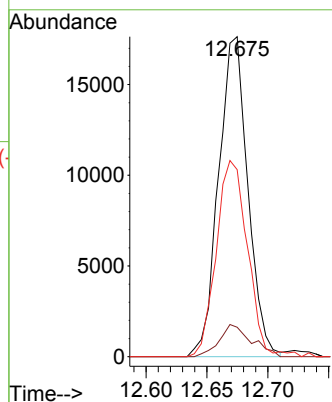
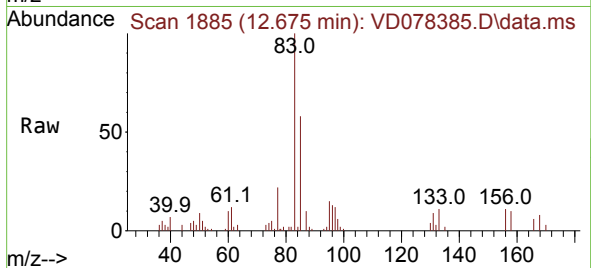
Tgt Ion: 83 Resp: 29515

Ion Ratio Lower Upper

83 100

131 11.0 5.1 15.3

85 65.7 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 35.923 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078385.D

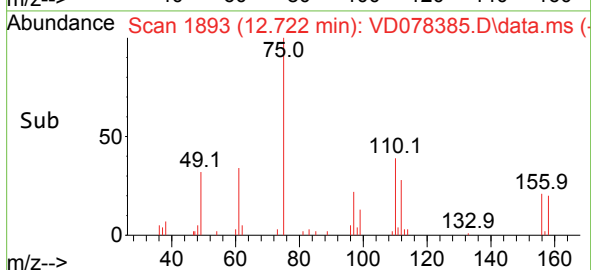
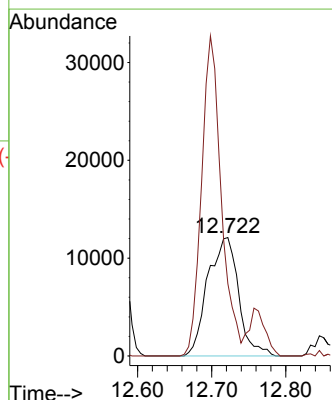
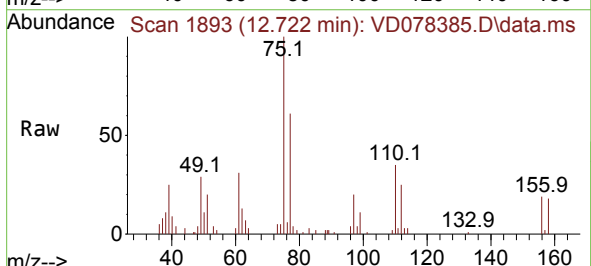
Acq: 09 Feb 2024 12:53

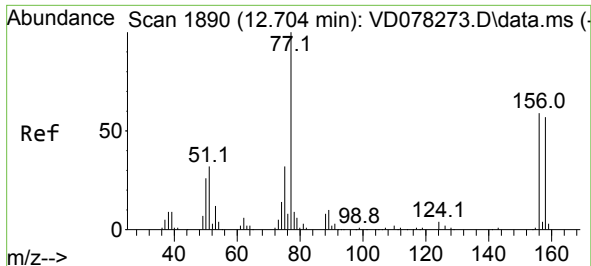
Tgt Ion: 75 Resp: 34923

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

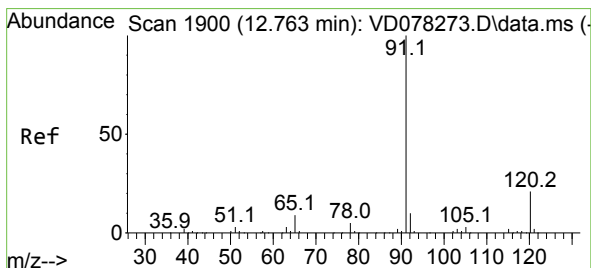
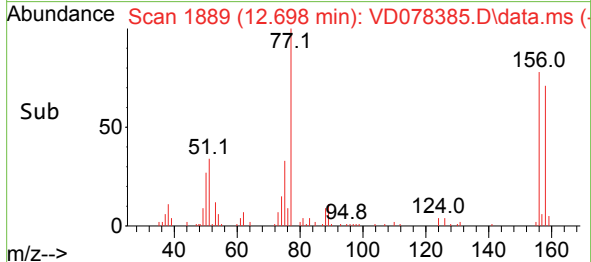
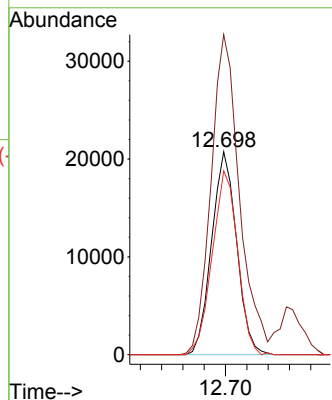
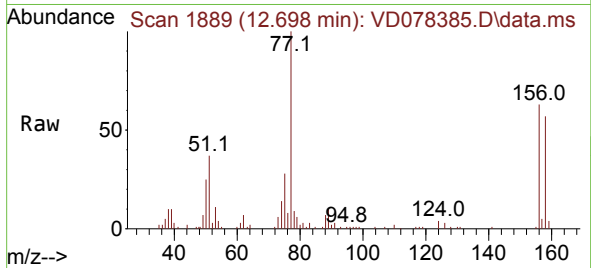




#77
Bromobenzene
Concen: 19.473 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

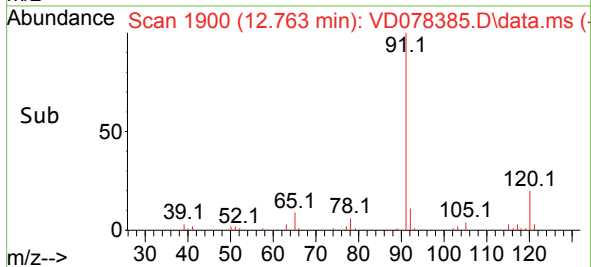
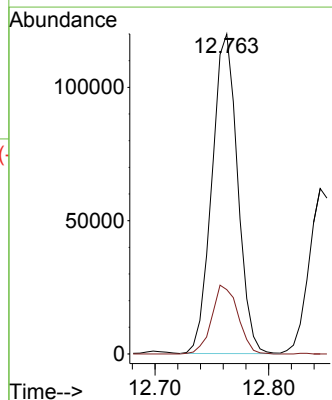
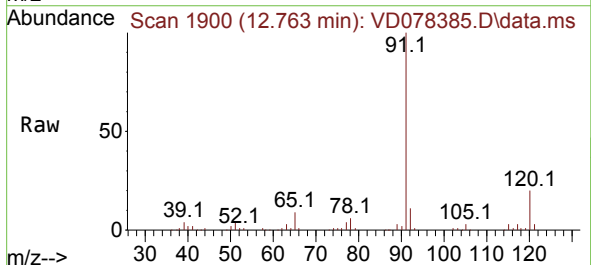
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

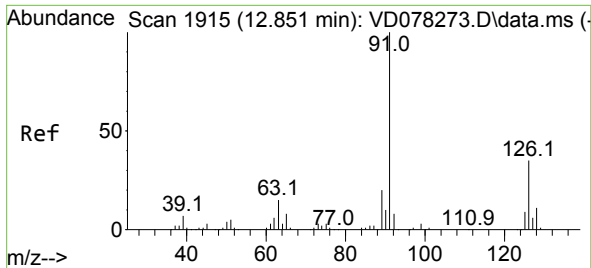
Tgt Ion:156 Resp: 33723
Ion Ratio Lower Upper
156 100
77 179.5 76.8 230.4
158 92.1 48.6 145.9



#78
n-propylbenzene
Concen: 19.174 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion: 91 Resp: 187967
Ion Ratio Lower Upper
91 100
120 21.9 12.4 37.2

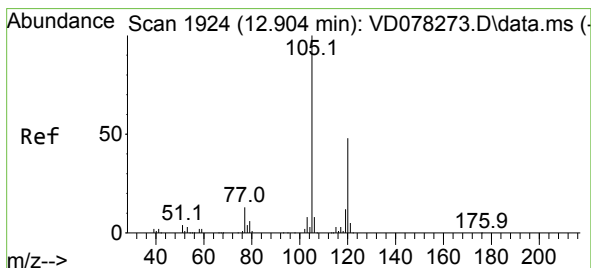
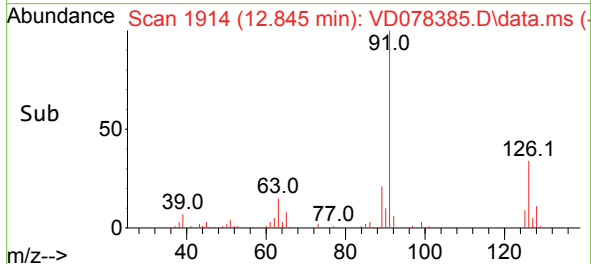
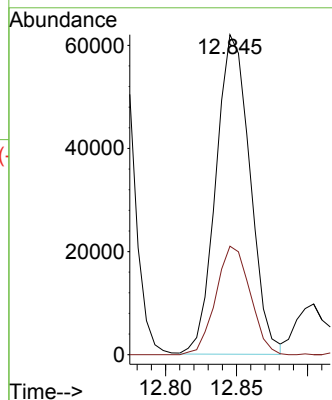
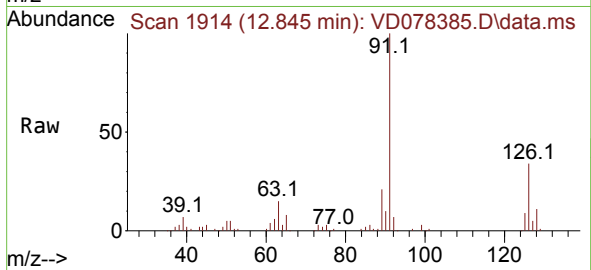




#79
2-Chlorotoluene
Concen: 19.730 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

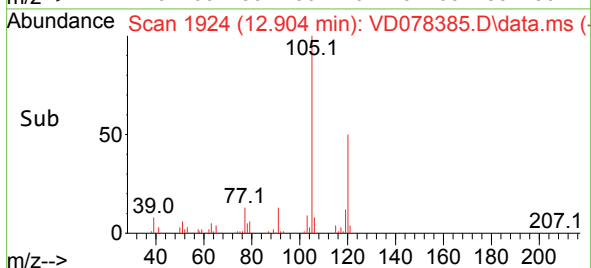
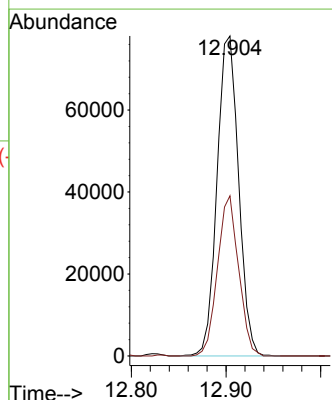
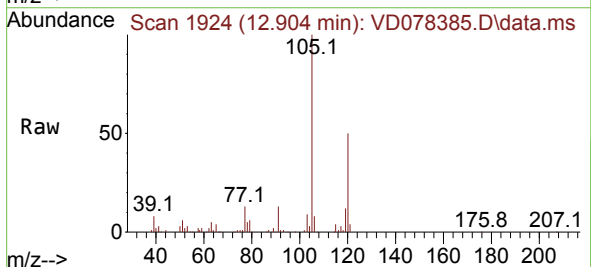
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

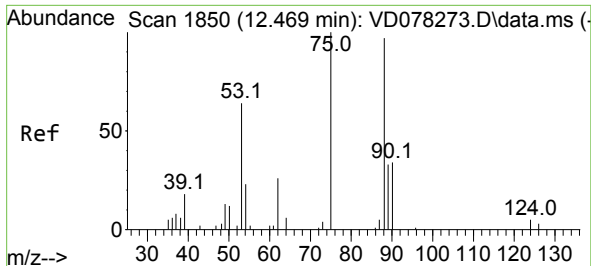
Tgt Ion: 91 Resp: 103536
Ion Ratio Lower Upper
91 100
126 34.1 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.280 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion: 105 Resp: 123430
Ion Ratio Lower Upper
105 100
120 49.1 26.4 79.2

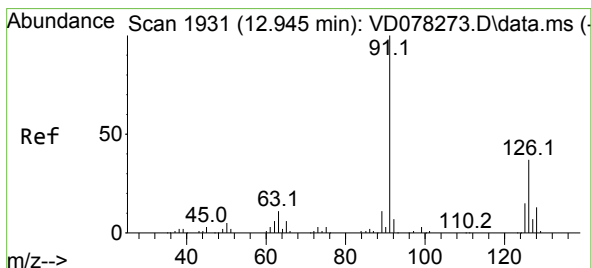
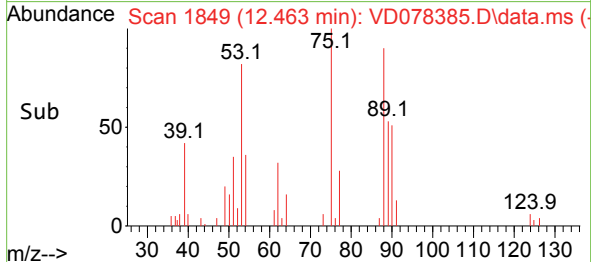
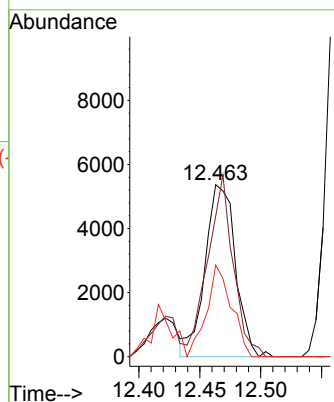
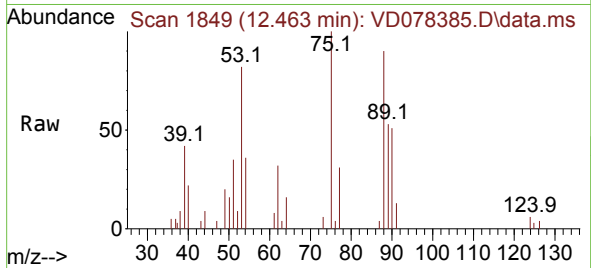




#81
trans-1,4-Dichloro-2-butene
Concen: 19.046 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

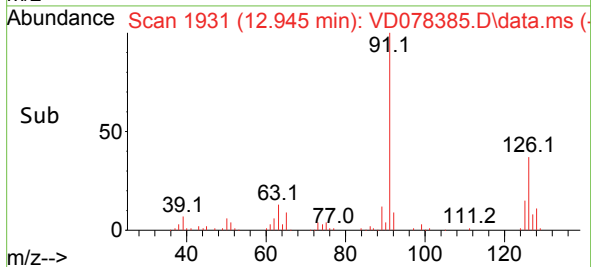
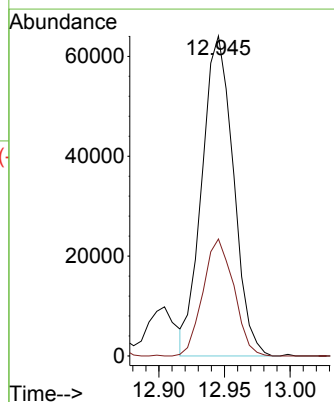
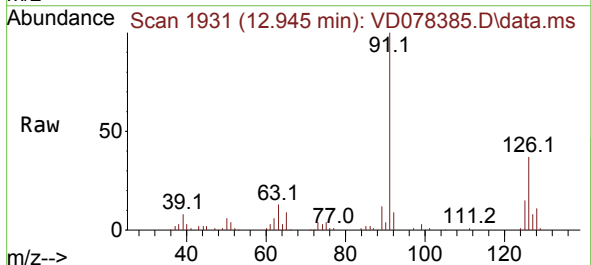
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

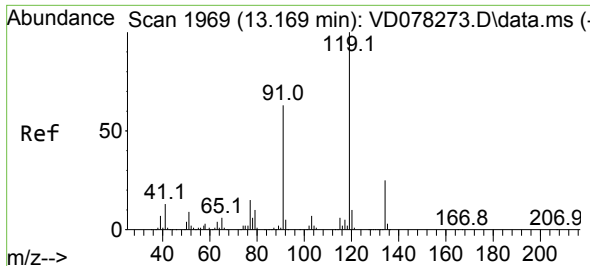
Tgt Ion: 75 Resp: 9310
Ion Ratio Lower Upper
75 100
53 88.0 63.0 94.4
89 43.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 19.147 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion: 91 Resp: 107120
Ion Ratio Lower Upper
91 100
126 35.8 19.4 58.4

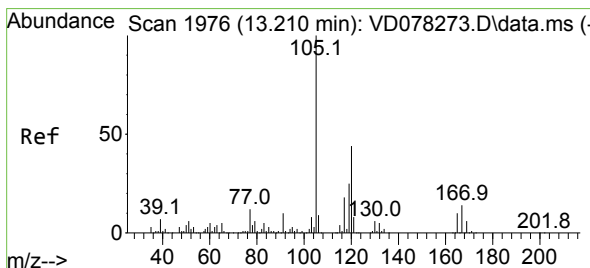
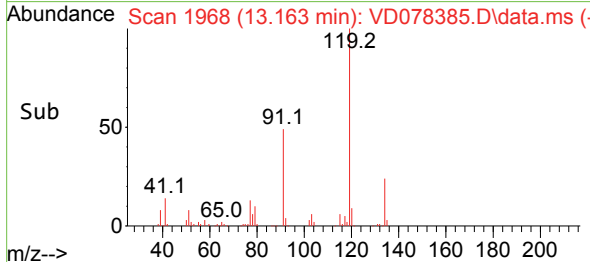
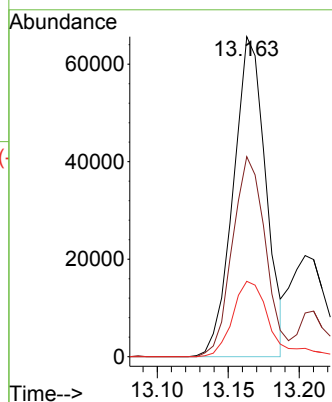
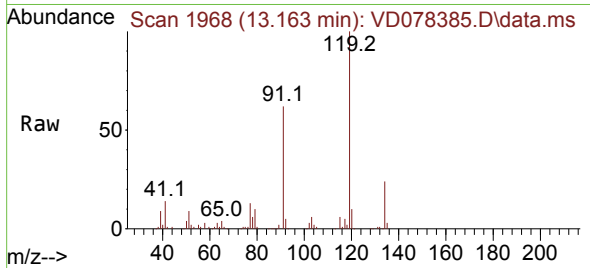




#83
tert-Butylbenzene
Concen: 19.058 ug/l
RT: 13.163 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

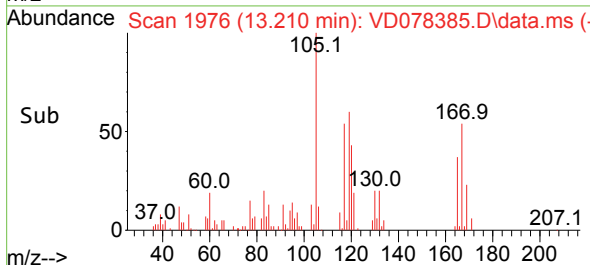
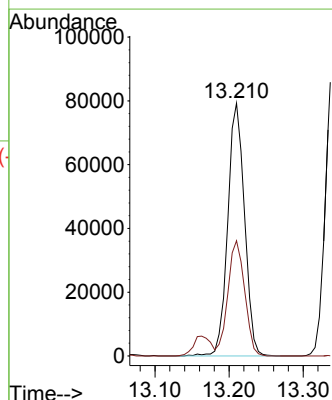
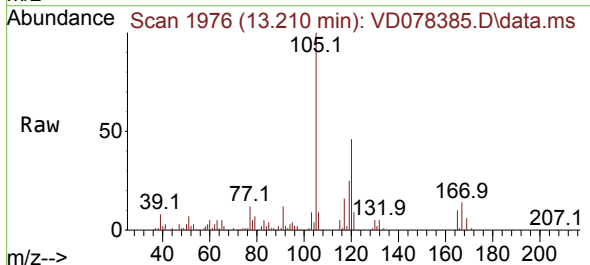
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

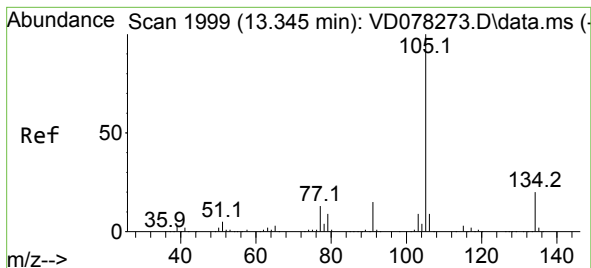
Tgt Ion:119 Resp: 104108
Ion Ratio Lower Upper
119 100
91 64.1 29.3 87.8
134 27.1 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 19.203 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion:105 Resp: 124382
Ion Ratio Lower Upper
105 100
120 45.8 24.3 72.9

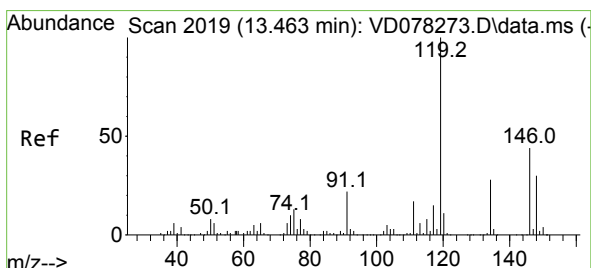
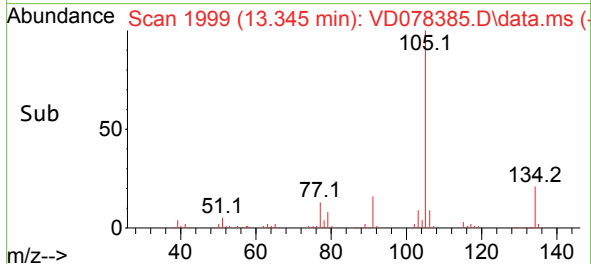
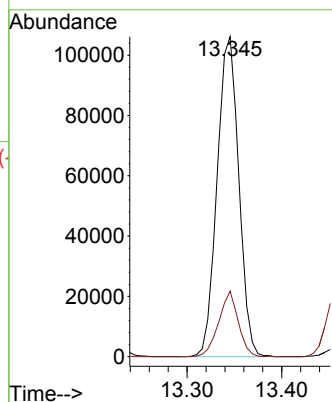
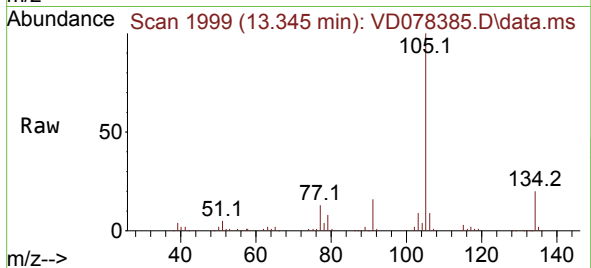




#85
sec-Butylbenzene
Concen: 19.685 ug/l
RT: 13.345 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

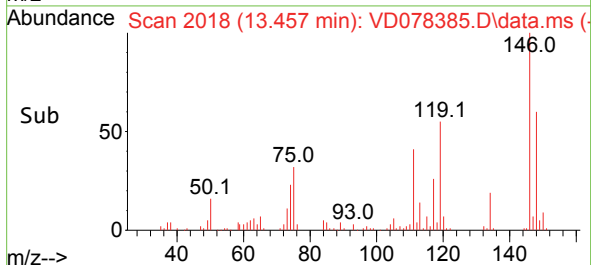
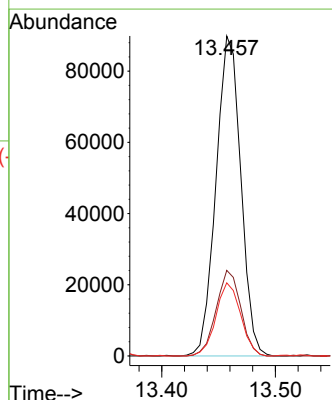
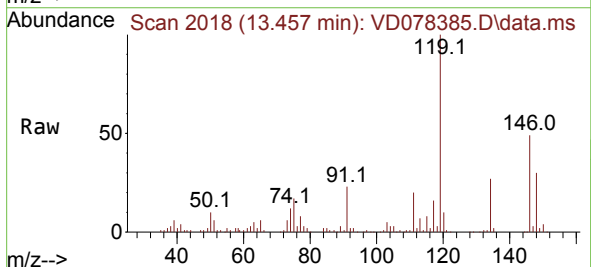
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

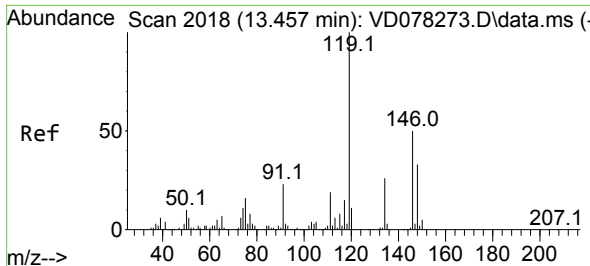
Tgt Ion:105 Resp: 168771
Ion Ratio Lower Upper
105 100
134 18.5 10.9 32.9



#86
p-Isopropyltoluene
Concen: 19.396 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion:119 Resp: 136206
Ion Ratio Lower Upper
119 100
134 26.4 14.2 42.6
91 22.9 10.5 31.5

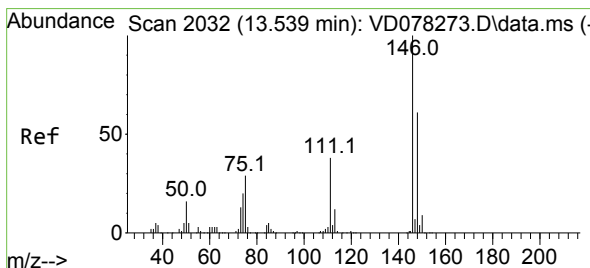
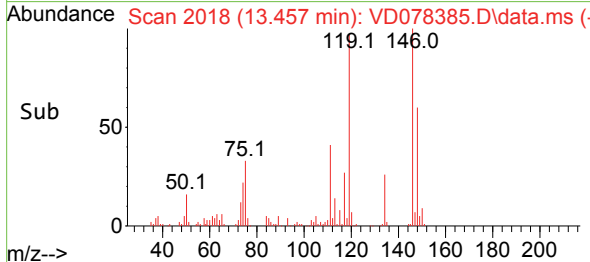
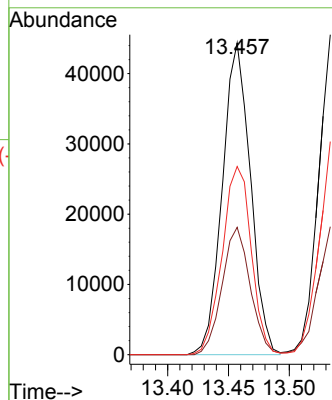
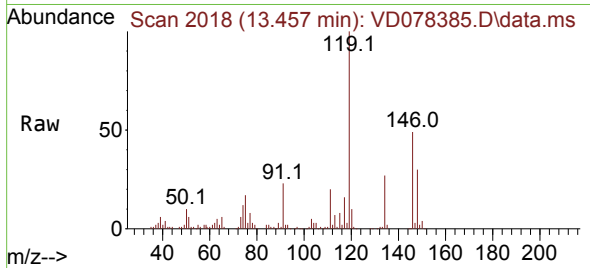




#87
 1,3-Dichlorobenzene
 Concen: 19.790 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078385.D
 Acq: 09 Feb 2024 12:53

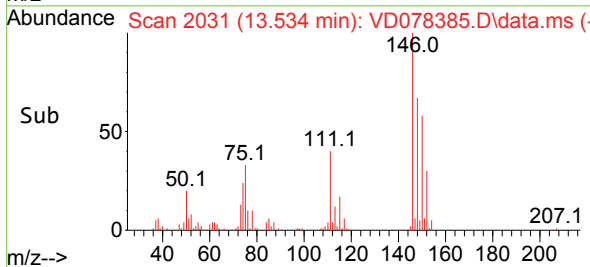
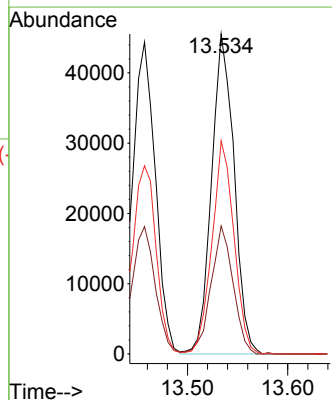
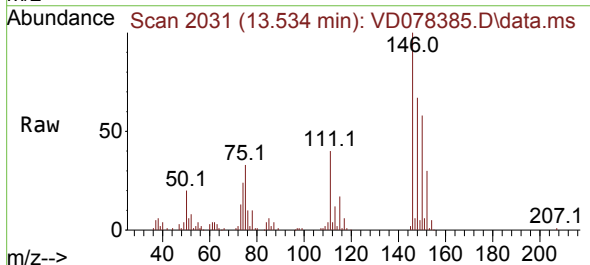
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0209SBS01

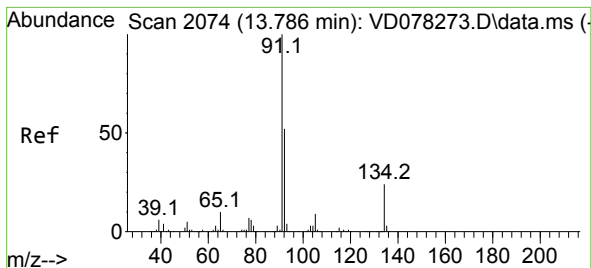
Tgt Ion:146 Resp: 71198
 Ion Ratio Lower Upper
 146 100
 111 41.0 17.9 53.8
 148 62.7 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 19.953 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.006 min
 Lab File: VD078385.D
 Acq: 09 Feb 2024 12:53

Tgt Ion:146 Resp: 71024
 Ion Ratio Lower Upper
 146 100
 111 39.4 17.4 52.3
 148 65.2 31.7 95.1





#89

n-Butylbenzene

Concen: 19.486 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078385.D

Acq: 09 Feb 2024 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01

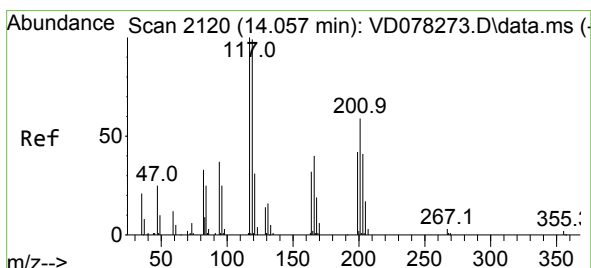
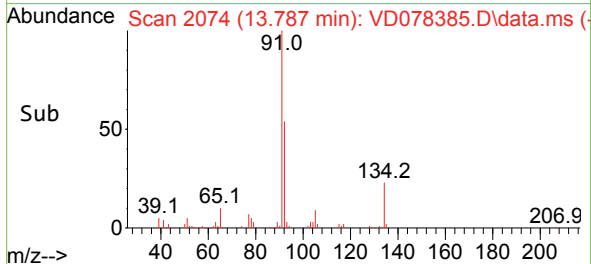
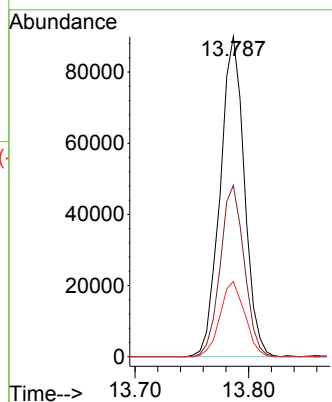
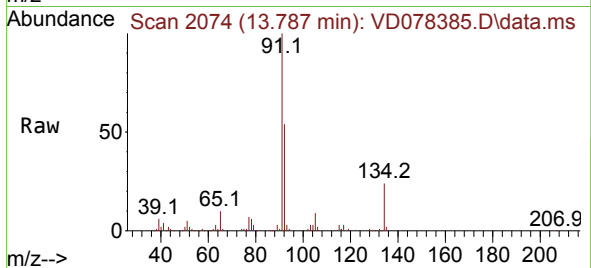
Tgt Ion: 91 Resp: 133340

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.5

134 24.1 13.8 41.3



#90

Hexachloroethane

Concen: 20.881 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD078385.D

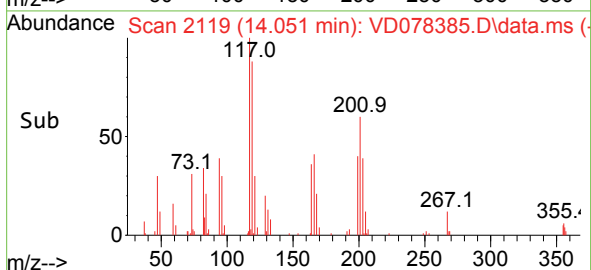
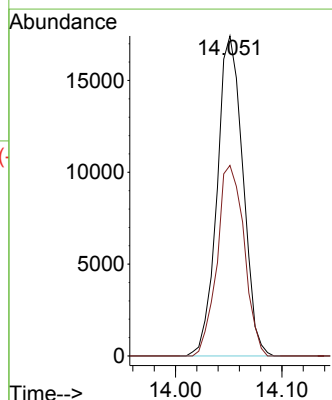
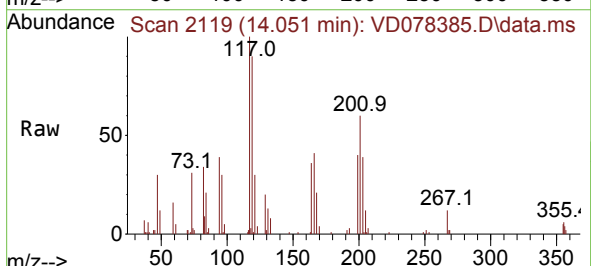
Acq: 09 Feb 2024 12:53

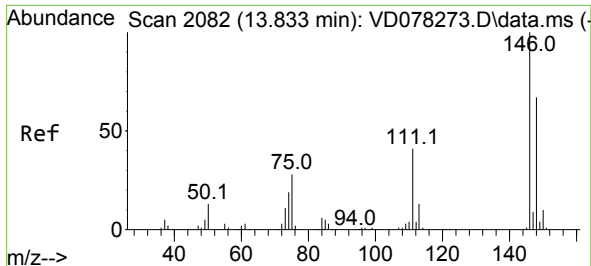
Tgt Ion: 117 Resp: 29287

Ion Ratio Lower Upper

117 100

201 62.5 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 20.167 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD078385.D

Acq: 09 Feb 2024 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01

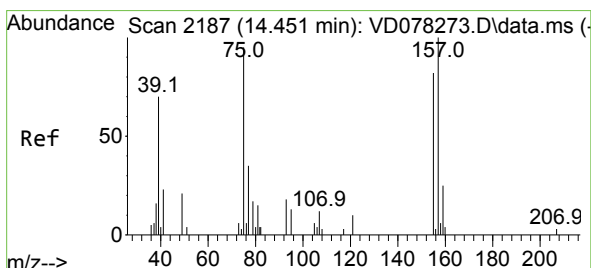
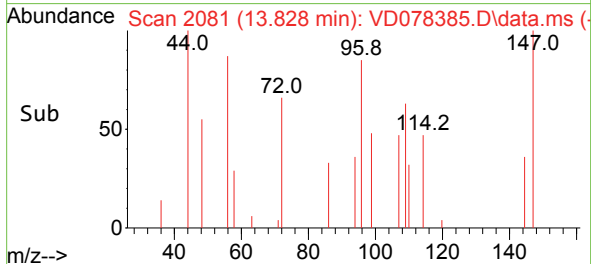
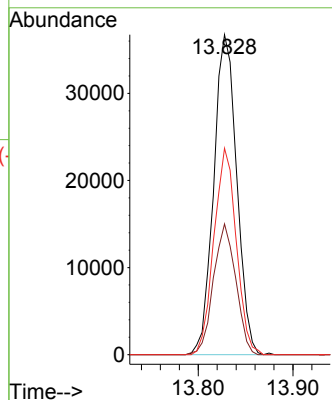
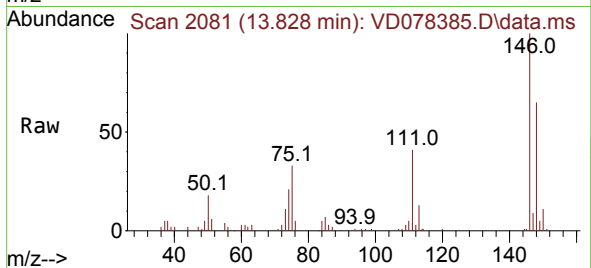
Tgt Ion:146 Resp: 62072

Ion Ratio Lower Upper

146 100

111 39.7 18.3 54.8

148 62.7 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.222 ug/l

RT: 14.439 min Scan# 2185

Delta R.T. -0.012 min

Lab File: VD078385.D

Acq: 09 Feb 2024 12:53

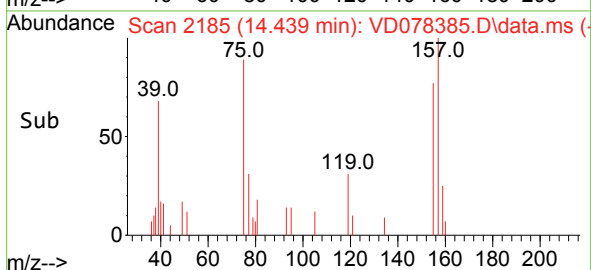
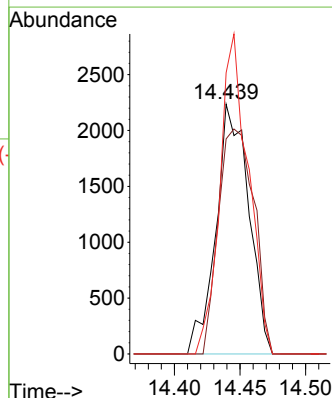
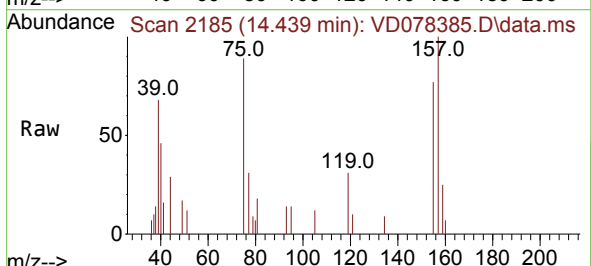
Tgt Ion: 75 Resp: 3882

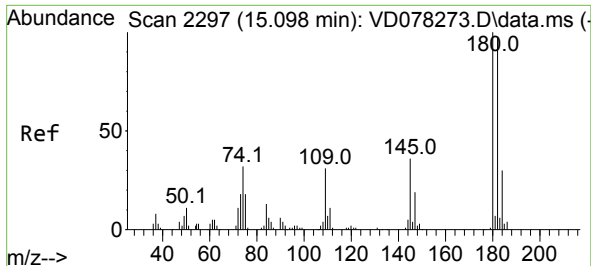
Ion Ratio Lower Upper

75 100

155 97.9 47.9 143.8

157 111.1 59.9 179.7

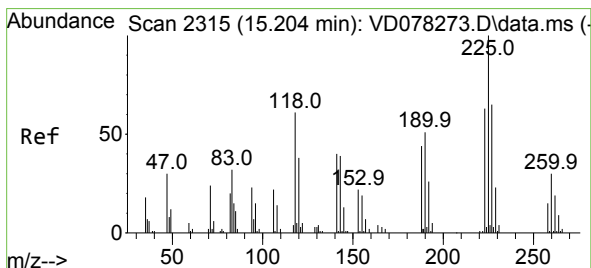
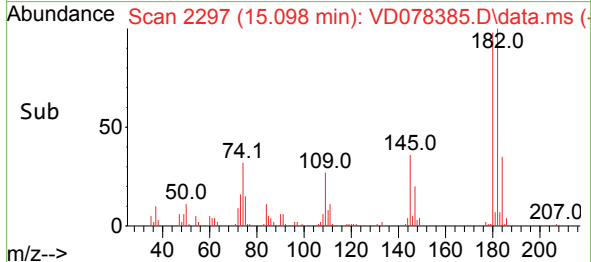
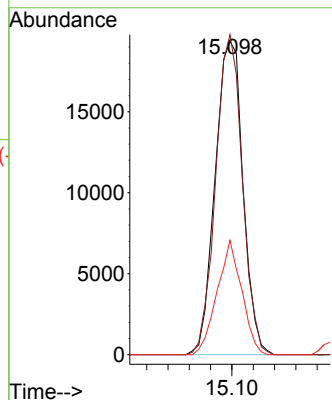
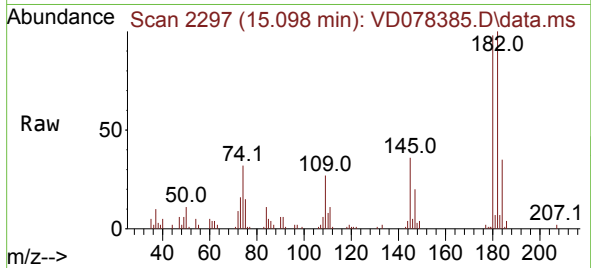




#93
1,2,4-Trichlorobenzene
Concen: 19.710 ug/l
RT: 15.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

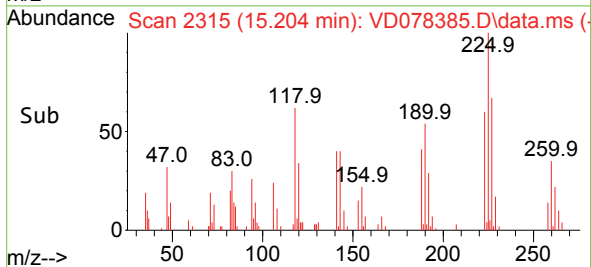
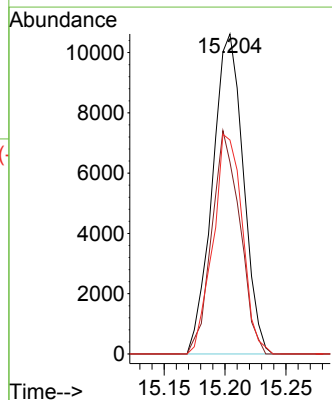
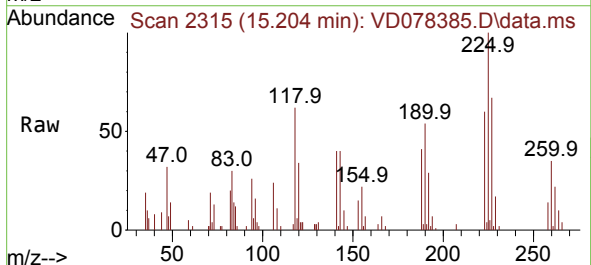
Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

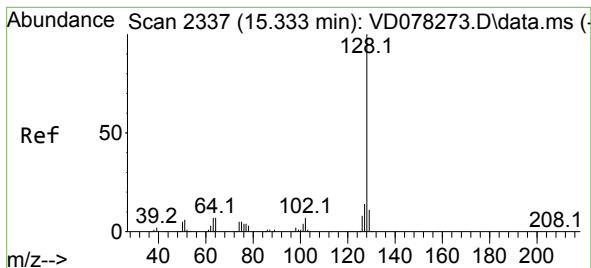
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	48.5	145.6
145	32.3	14.2	42.6



#94
Hexachlorobutadiene
Concen: 21.436 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD078385.D
Acq: 09 Feb 2024 12:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.6	94.8
227	65.2	31.7	95.1





#95

Naphthalene

Concen: 18.797 ug/l

RT: 15.333 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078385.D

Acq: 09 Feb 2024 12:53

Instrument :

MSVOA_D

ClientSampleId :

VD0209SBS01

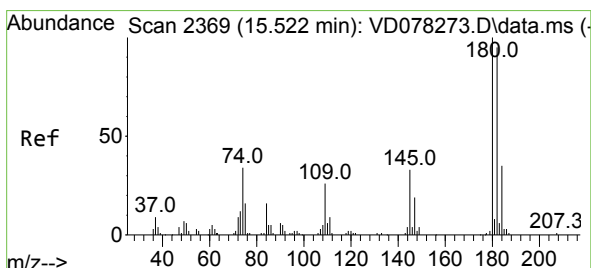
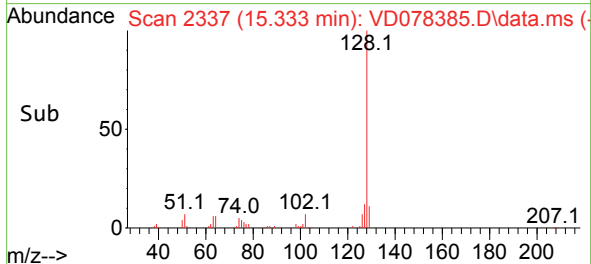
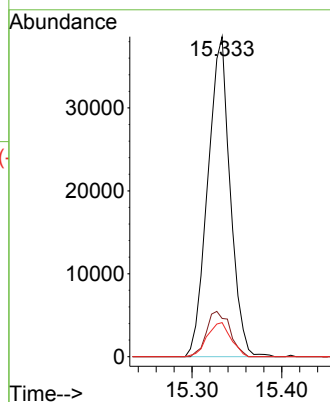
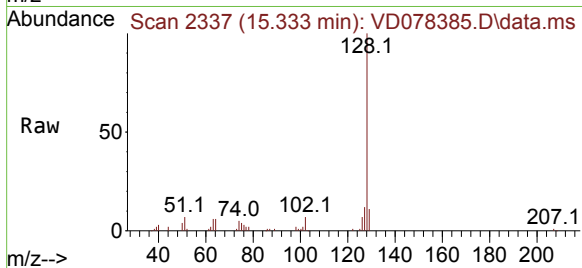
Tgt Ion:128 Resp: 66725

Ion Ratio Lower Upper

128 100

127 12.0 10.5 15.7

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.384 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078385.D

Acq: 09 Feb 2024 12:53

Tgt Ion:180 Resp: 31953

Ion Ratio Lower Upper

180 100

182 96.4 47.3 141.9

145 32.7 15.1 45.3

